

DEPARTMENT OF RAILWAY AND CANALS

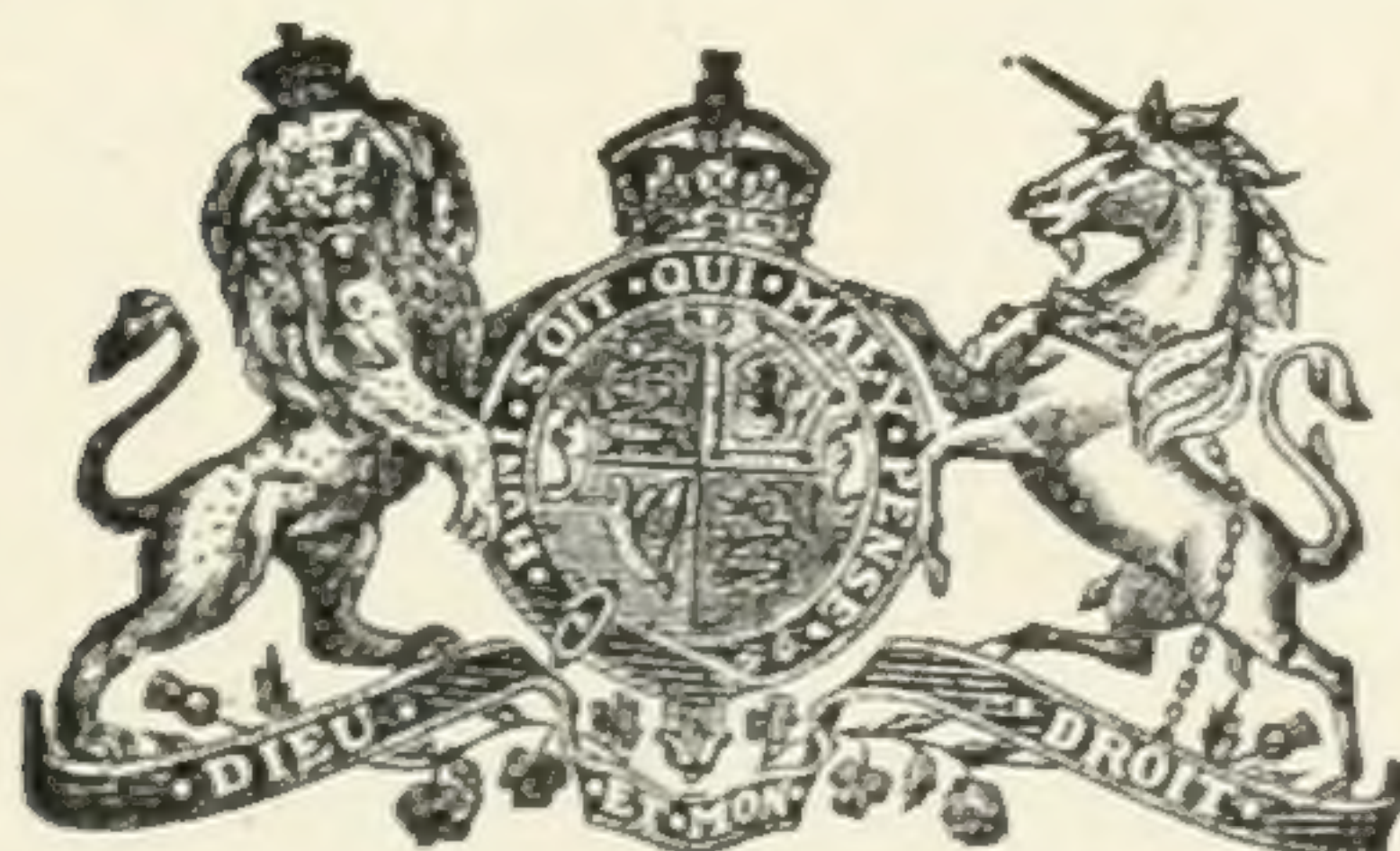
CANAL STATISTICS

FOR THE

SEASON OF NAVIGATION

1906

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

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1907

[No. 20a—1908.]

OTTAWA, August 8, 1907.

M. J. BUTLER, Esq.,

Deputy Minister of Railways and Canals.

DEAR MR. BUTLER :—Hitherto it has been the practice to publish the statistics in relation to canals a year later than their actual date. Two reasons in chief actuated this course : First, the calendar year was used, as it still is, for figures relating to navigation ; second, certain data supplied by American Boards of Trade with respect to waterways traffic were not available until the latter part of the succeeding year. In this situation you instructed me to have the statistical matter prepared in time for the report to be laid before Parliament at the session immediately following the year to which it related. I have acted accordingly, and during the next sitting of the House of Commons the Canal Statistics for the year 1906 and also for the year 1907 will be presented. In future the report will be published within three months after the close of the calendar year.

I have thought it well to prepare a digest of some of the more important statistics with regard to the traffic which has passed through Canadian canals. The following table will be of interest :—

STATEMENT of total Freight passed through the Canals, for the following Years :—

Years.	FROM CANADIAN TO CANADIAN PORTS.		FROM CANADIAN TO UNITED STATES PORTS.		FROM UNITED STATES TO UNITED STATES PORTS.		FROM UNITED STATES TO CANADIAN PORTS.		TONS.		TOTAL TONS.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.	tons.	
1887.....	336,648	1,154,424	138,692	202,563	151,805	192,528	86,374	457,482	713,519	2,006,997	2,720,516
1888.....	355,165	1,146,260	138,127	174,239	214,407	223,429	81,611	428,357	789,310	1,972,287	2,761,597
1889.....	384,777	1,156,306	122,295	198,497	267,224	300,193	81,243	603,311	855,529	2,258,367	3,113,896
1890.....	369,593	1,137,011	144,368	133,188	216,813	320,324	58,709	533,021	789,505	2,123,542	2,913,047
1891.....	370,120	1,155,247	103,814	123,193	248,188	307,958	50,747	543,259	772,869	2,129,657	2,902,526
1892.....	327,560	1,322,137	173,538	135,787	241,034	302,983	47,396	481,301	789,528	2,242,208	3,031,736
1893.....	351,706	1,344,822	214,076	141,602	247,329	385,769	54,912	806,773	868,023	2,678,966	3,546,989
1894.....	299,155	1,140,606	204,175	89,614	231,172	363,107	46,020	568,866	780,522	2,162,193	2,942,715
1895.....	264,824	1,070,046	286,191	91,177	362,637	608,778	62,285	590,140	975,937	2,360,141	*3,336,078
1896.....	293,353	1,619,668	259,659	100,519	1,197,245	3,536,054	117,535	867,040	1,867,792	6,123,281	7,991,073
1897.....	275,587	1,713,274	268,700	187,960	669,142	4,369,314	108,787	968,203	1,322,216	7,238,751	8,560,967
1898.....	263,989	1,819,887	187,253	98,967	929,508	2,425,121	81,615	912,135	1,362,365	5,256,110	6,618,475
1899.....	296,208	1,833,412	266,364	115,133	732,030	2,129,988	125,678	727,111	1,420,280	4,805,644	6,225,924
1900.....	312,201	1,632,915	270,033	81,714	568,197	1,339,915	105,155	703,563	1,255,586	3,758,107	5,013,693
1901.....	340,805	1,686,094	268,449	201,231	507,204	1,801,696	177,715	682,065	1,294,173	4,371,086	5,665,259
1902.....	529,085	2,064,480	308,212	342,484	515,828	3,000,636	190,243	562,229	1,543,368	5,969,829	7,513,197
1903.....	648,150	2,391,366	430,174	408,500	863,337	3,130,816	373,456	958,018	2,315,117	6,888,700	9,203,817
1904.....	606,737	2,047,499	511,887	276,578	699,784	2,778,903	483,795	851,053	2,302,203	5,954,033	8,256,236
1905.....	736,976	2,252,514	549,365	347,089	607,228	3,183,895	577,528	1,137,146	2,451,097	6,920,647	9,371,744
1906.....	1,238,929	2,355,855	627,094	234,919	991,508	3,595,256	482,239	997,385	3,339,770	7,183,415	10,523,185

*Sault Ste. Marie canal opened in August, 1895.

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It will be observed that the business between Canadian ports shows a large increase during the twenty years period, particularly with regard to traffic westward. From Canadian to United States ports the growth has been considerable, although here again the up-bound traffic has been in larger volume than that moving eastward. The trade between United States ports by way of Canadian canals has grown very largely since 1887, although exhibiting wide fluctuations. In this instance, however, the movement downward—that is, from the Upper Lakes to ports in the East—has expanded to a greater degree than that upward.

There has been an actual shrinkage in the up traffic between United States and Canadian ports during the twenty years included in the table. The eastbound business, however, has practically doubled.

With regard to total tonnage, it will be observed that the traffic moving up and down has increased by 287 per cent. during the past twenty years. The business westward showed a gain of 368 per cent., while that eastward grew to the extent of 257 per cent. It is instructive to take note of the fact that this expansion of business on the canals of Canada is relatively larger than that shown by Canadian railways during the same period. While 57,966,713 tons of freight were carried by Canadian railways in 1906, as compared with 16,356,337 in 1887, the betterment was but 254 per cent. as against 287 per cent. on the canals. Of course, this includes the use made by United States vessels of the Canadian Sault Ste. Marie and Welland canals.

This must be regarded as a very satisfactory result, indicating as it does the value and growing usefulness of the Canadian waterways system. As the territories west of Lake Superior develop the importance of Canadian waterways will be more and more demonstrated as a means for the controlling of transportation rates.

I append two further tables with respect to United States and Canadian vessels which have passed through Canadian canals since the year 1887:—

STATEMENT of the Tonnage of Canadian and United States Vessels for the following years.

CANADIAN VESSELS.

Years.	FROM CANADIAN TO CANADIAN PORTS.		FROM CANADIAN TO UNITED STATES PORTS.		FROM UNITED STATES TO UNITED STATES PORTS.		FROM UNITED STATES TO CANADIAN PORTS.		TONS.		TOTAL TONS.	Number of Vessels.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1887.....	1,201,529	1,194,665	162,554	36,277	1,071	65	30,778	221,013	1,395,932	1,452,020	2,847,952	18,991
1888.....	1,113,290	1,120,774	158,209	34,368	1,252	.....	22,553	189,876	1,295,304	1,345,018	2,640,322	17,661
1889.....	1,285,574	1,207,892	188,131	39,371	976	802	20,271	252,565	1,494,952	1,500,630	2,995,582	19,393
1890.....	1,314,127	1,250,999	229,478	32,909	929	351	14,003	296,676	1,558,537	1,580,935	3,139,472	20,655
1891.....	1,356,518	1,287,168	201,758	28,642	550	292	16,350	244,176	1,575,176	1,566,278	3,135,454	19,246
1892.....	1,517,249	1,460,505	177,136	29,184	1,466	394	14,659	201,374	1,710,510	1,691,455	3,401,965	21,177
1893.....	1,548,094	1,422,326	170,186	26,787	1,172	10	17,037	248,442	1,736,489	1,697,565	3,434,054	20,757
1894.....	1,319,792	1,260,907	217,635	19,298	2,177	5	6,394	222,696	1,545,998	1,502,906	3,048,904	19,027
1895.....	1,258,848	1,165,683	253,693	13,383	.....	.....	5,899	285,553	1,518,440	1,464,619	2,983,059	17,136
1896.....	1,547,757	1,420,342	200,292	5,234	157	.....	4,115	271,809	1,752,321	1,697,385	3,449,706	20,972
1897.....	1,629,192	1,482,951	215,785	11,378	.....	.....	3,533	297,898	1,848,510	1,792,227	3,640,737	21,466
1898.....	1,704,661	1,609,255	215,393	4,927	499	518	6,805	255,927	1,927,358	1,870,627	3,797,985	21,509
1899.....	1,865,643	1,774,789	242,817	32,436	925	3,691	42,290	345,980	2,151,675	2,156,896	4,308,571	23,579
1900.....	1,767,293	1,681,340	265,926	14,922	2,909	64	38,015	358,781	2,074,143	2,055,107	4,129,250	21,755
1901.....	1,615,952	1,587,221	279,007	82,541	3,300	2,908	97,332	312,003	1,995,591	1,984,673	3,980,264	20,860
1902.....	1,914,167	1,840,787	241,356	97,492	1,874	2,164	101,335	286,520	2,258,732	2,226,963	4,485,695	22,198
1903.....	2,061,258	2,088,969	340,383	143,614	7,018	3,082	188,896	379,612	2,597,555	2,615,277	5,212,832	23,767
1904.....	1,838,260	1,907,886	299,245	159,740	5,175	4,223	237,910	319,661	2,380,590	2,391,510	4,772,100	21,851
1905.....	2,059,097	2,031,766	312,773	188,138	11,820	3,191	262,401	322,005	2,646,091	2,545,100	5,191,191	23,726
1906.....	2,271,776	2,264,476	292,705	155,595	24,420	5,506	202,276	309,567	2,791,177	2,735,144	5,526,321	25,498

STATEMENT of the Tonnage of Canadian and United States Vessels for the following years
UNITED STATES VESSELS.

YEARS.	FROM CANADIAN TO CANADIAN PORTS.		FROM CANADIAN TO UNITED STATES PORTS.		FROM UNITED STATES TO UNITED STATES PORTS.		FROM UNITED STATES TO CANADIAN PORTS.		TONS.		TOTAL TONS.	Number of Vessels.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1887.....	16,265	17,925	38,857	56,708	143,730	140,562	52,793	98,840	251,645	315,035	566,680	3,883
1888.....	14,304	26,801	42,425	50,047	177,714	156,095	49,778	114,613	284,221	347,556	631,777	3,921
1889.....	21,125	26,449	55,996	50,732	253,088	206,567	56,249	160,442	386,458	444,190	830,648	4,542
1890.....	10,390	16,345	38,156	36,397	248,418	234,728	39,697	97,266	336,661	384,736	721,397	3,364
1891.....	10,357	29,851	70,665	27,727	283,013	238,818	31,083	146,602	395,118	442,998	838,116	3,602
1892.....	12,023	29,405	88,221	22,763	280,315	229,437	37,037	172,594	417,596	454,199	871,795	3,928
1893.....	10,752	34,303	214,047	33,741	351,994	282,724	50,994	307,740	627,787	658,508	1,286,295	4,585
1894.....	18,528	30,201	139,720	20,830	302,562	269,788	37,406	192,992	498,216	513,811	1,012,027	4,131
1895.....	8,838	24,768	138,554	17,712	262,240	216,542	32,295	185,730	441,927	444,752	886,679	4,427
1896.....	11,496	19,093	195,228	21,953	357,205	292,359	40,416	290,370	604,345	623,775	1,228,120	4,650
1897.....	14,666	18,367	269,430	17,618	338,938	277,345	26,341	347,698	649,375	661,028	1,310,403	4,675
1898.....	12,142	9,541	233,524	32,880	308,878	305,464	32,331	336,004	586,875	683,889	1,270,764	4,264
1899.....	17,217	18,044	172,897	30,002	1,605,887	1,156,503	51,902	234,336	1,846,848	1,438,885	3,285,733	6,101
1900.....	13,316	17,824	157,689	30,443	1,208,725	744,276	45,741	190,971	1,425,471	983,514	2,408,985	5,502
1901.....	11,587	18,706	177,169	28,124	922,464	1,044,707	54,895	224,622	1,166,115	1,316,159	2,482,274	5,634
1902.....	13,622	37,871	187,826	70,641	1,756,948	1,654,672	123,257	241,602	2,081,653	2,004,786	4,086,439	6,433
1903.....	14,014	24,168	265,208	65,247	1,736,187	1,689,414	106,401	335,836	2,121,810	2,114,665	4,236,475	6,695
1904.....	10,122	16,890	275,721	39,993	1,464,316	1,475,085	68,081	305,697	1,818,240	1,837,665	3,655,905	6,253
1905.....	49,743	19,444	364,985	81,876	2,350,494	1,701,704	101,536	456,459	2,836,758	2,259,483	5,096,241	7,085
1906.....	34,306	15,324	356,259	78,561	2,738,623	1,928,131	115,675	418,436	3,244,863	2,440,452	5,685,315	7,319

There would appear to have been a larger growth in the tonnage of United States vessels passing through our canals than of Canadian vessels ; but the tables show that the carrying capacity for the year 1906, as measured by the actual reports at canal offices, was about equally divided between the two countries. That is to say, while Canadian vessels represented a tonnage of 5,526,321, American vessels made up a tonnage of 5,685,315.

A wide disparity, however, is apparent when the number of vessels—or, more correctly speaking, the number of passages—is taken into account. To make up the American tonnage above given, 7,319 passages were required ; while for the Canadian tonnage it took 25,498 passages. This difference is accounted for by the number of United States vessels of high tonnage engaged in the ore, coal and grain carrying trade on the Great Lakes, as well as by the fact that many vessels of low tonnage use the St. Lawrence and eastern canals with great frequency and thus swell the number of passages.

With regard to the commodities making up the traffic through the canals during the year 1906, it is interesting to note that iron ore is in the lead. This ore, however, is not in any considerable volume connected with Canadian trade. Among the agricultural products which passed through the canals, the following are worthy of notice.

	1897.	1906.
Barley	19,168 tons.	123,950 tons.
Corn.....	395,753 “	244,122 “
Flour.....	15,930 “	297,937 “
Meals	44,014 “	27,472 “
Oats.....	83,527 “	209,285 “
Wheat ..	370,167 “	1,406,741 “
Total.....	927,559 tons.	2,309,507 tons.

The wheat tonnage given above would represent 46,891,367 bushels, and the products in the list make up over 40 per cent of the total traffic which passed through the canals during the year 1906.

I also append a table of thirty-two of the principal commodities in the canal traffic since the year 1888 :—

Tonnage of Articles carried through Canadian Canals from 1888 to 1906.

Articles.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.
1. Bricks.....	13,635	10,299	12,359	14,273	12,001	14,727	10,725	9,122	10,855	10,903
2. Cement.....	16,878	6,432	3,164	5,406	4,822	10,754	10,591	9,652	7,829	12,820
3. Iron (all kinds).....	32,756	44,186	39,798	22,167	17,986	30,197	25,837	28,471	30,334	41,949
4. Steel	39	10,056	198	7,067	3,606	1,258	1,565	2,759	13,716	6,854
5. Stone or cutting.....	13,208	19,930	13,891	13,750	3,972	357	166	1,243	1,356	1,713
6. Apples	3,387	3,695	4,329	7,566	7,190	3,929	5,160	3,473	16,716	5,204
7. Barley.....	8,588	8,821	14,185	27,840	16,504	20,700	29,358	10,186	15,328	19,168
8. Corn	202,516	356,446	344,261	197,604	196,913	450,330	174,279	173,269	339,092	395,753
9. Flour.....	23,830	11,416	20,706	20,684	25,746	26,136	43,751	50,343	49,576	15,930
10. Hay pressed.....	4,740	3,617	3,623	5,648	5,867	12,100	18,090	22,121	10,973	5,990
11. Meals (all kind).....	12,643	20,313	22,211	27,021	33,097	37,272	61,426	48,008	47,889	44,014
12. Oats.....	30,529	31,977	33,857	64,300	90,682	53,620	30,957	20,158	650	82,527
13. Potatoes.....	779	632	880	814	950	417	252	232	48,962	1,528
14. Seeds.....	9,405	10,804	2,273	10,273	5,776	6,193	4,612	182	394	1,576
15. Agric. Products Veget.....	9,100	21,901	10,700	8,321	15,669	10,589	1,484	5,811	6,945	1,751
16. Cattle.....	967	950	1,303	1,220	879	788	808	723	877	1,199
17. Horses.....	638	610	728	693	844	773	774	2,568	931	878
18. Pork	1,078	1,971	1,190	1,152	870	608	1,331	811	1,177	945
19. Sheep	709	542	653	699	663	528	675	793	613	646
20. Marble.....	4,699	4,502	4,476	3,590	3,214	2,168	853	898	32	534
21. Sugar.....	10,423	9,160	8,624	4,112	9,886	13,246	31,586	16,050	23,737	14,243
22. Whisky.....	1,347	1,416	1,580	1,681	1,335	1,050	1,183	1,498	850	1,054
23. Firewood.....	135,048	100,636	109,785	115,089	169,971	220,516	177,905	202,938	218,204	271,112
24. Lumber sawn.....	798,449	899,209	745,929	673,020	760,251	671,926	642,742	587,226	600,580	595,522
25. Railway ties	25,966	16,022	10,799	10,165	12,589	9,418	3,926	6,383	4,440	9,558
26. Square timber.....	48,270	79,791	74,895	25,301	48,983	47,871	48,359	64,875	57,618	86,104
27. Saw logs.....	43,313	36,927	27,093	36,367	44,156	33,137	29,299	29,075	28,220	40,313
28. Coal.....	507,155	553,868	470,808	511,729	517,261	537,279	517,532	466,234	534,400	379,111
29. Iron ore.....	16,872	2,433	5,367	3	Nil.	Nil.	Nil.	60	490	Nil.
30. Timber and other woods free.	39,590	69,286	72,075	69,247	47,565	66,673	53,221	59,169	45,027	68,017
31. *Wheat, Corn, Flour, Iron, Salt, Coal	306,192	424,915	362,072	403,045	380,934	663,013	408,781	381,518	593,272	695,086
32. Wheat	155,248	185,180	143,952	230,840	301,486	285,799	279,720	209,984	335,469	370,167

*These articles were free, going westward, in the years when tolls were charged, and appear in this grouped form in the Statistics of the Department.

Tonnage of Articles carried through Canadian Canals from 1888 to 1906—*Concluded.*

Articles.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
1. Bricks.....	9,873	11,075	18,343	18,697	17,884	11,086	9,097	23,814	17,713
2. Cement.....	19,351	6,938	10,628	20,079	22,614	28,600	25,539	31,942	45,619
3. Iron (all kinds).....	26,979	27,158	46,153	79,415	118,916	135,160	123,121	145,260	218,801
4. Steel.....	9,387	17,684	8,861	4,043	2,104	8,514	4,300	5,661	4,632
5. Stone for cutting.....	2,785	5,364	2,432	2,539	3,228	4,961	576	23,511	31,937
6. Apples.....	3,412	4,480	6,182	1,973	7,695	13,480	11,865	9,217	8,046
7. Barley.....	15,510	28,353	26,754	27,699	38,137	51,003	75,538	114,226	123,950
8. Corn.....	624,854	399,915	348,493	185,893	81,645	338,132	189,739	257,387	244,122
9. Flour.....	34,061	39,018	97,545	171,400	357,104	359,848	260,630	243,938	297,937
10. Hay pressed.....	5,880	15,492	25,998	38,277	41,537	50,129	32,576	33,354	26,811
11. Meals (all kind).....	25,580	21,310	17,175	15,812	29,321	29,989	24,174	14,814	27,472
12. Oats.....	75,079	65,495	96,062	72,978	46,717	66,621	72,723	101,258	209,286
13. Potatoes.....	1,820	2,528	3,505	4,409	4,802	6,804	5,351	7,420	5,853
14. Seeds.....	5,783	7,345	3,308	4,602	8,303	6,828	5,477	3,727	1,455
15. Agric. Products Vegetables.....	3,320	2,952	1,909	2,663	9,178	3,219	2,688	6,470	4,805
16. Cattle.....	1,515	1,299	1,972	1,386	1,538	1,236	1,766	1,468	932
17. Horses.....	1,064	1,049	869	1,192	1,258	1,544	1,605	1,346	1,685
18. Pork.....	3,412	2,317	1,074	1,720	1,740	1,483	1,337	1,213	834
19. Sheep.....	451	535	504	557	743	302	605	616	514
20. Marble.....	208	2,428	3,906	2,223	1,262	1,521	22	2,475	2,575
21. Sugar.....	17,401	20,238	20,313	11,890	14,353	8,190	9,203	27,275	42,801
22. Whiskey.....	1,029	1,504	1,595	1,572	2,876	5,000	5,396	6,680	9,970
23. Firewood.....	187,216	212,076	227,108	217,105	307,172	320,765	440,254	423,693	468,133
24. Lumber sawn.....	593,261	597,109	521,282	472,954	557,607	583,522	476,436	591,028	645,257
25. Railway ties.....	6,467	16,423	7,587	12,508	7,653	4,603	3,788	7,470	5,608
26. Square timber.....	50,844	26,288	25,943	32,293	26,281	32,286	43,557	13,215	18,585
27. Saw logs.....	23,887	13,919	34,684	19,073	24,144	20,540	26,630	58,949	90,929
28. Coal.....	480,316	468,912	1,028,113	1,033,762	782,053	1,590,595	1,570,113	1,596,935	1,804,974
29. Iron ore.....	13,433	26,420	1,058,052	1,712,320	2,556,279	2,703,827	2,482,181	2,959,300	2,970,637
30. Timber and other woods free.....	28,952	32,624	38,296	48,666	68,615	68,487	64,808	68,629	70,015
31. *Wheat, Corn, Flour, Iron, Salt, Coal.....	652,349	454,895	352,499	280,902	395,078	558,897	427,614	553,866	709,320
32. Wheat.....	299,055	329,086	293,638	669,557	1,309,218	1,433,288	1,202,716	1,248,567	1,406,741

Wheat, corn, flour, iron, salt and coal form grouped item No. 31, although the same commodities appear separately in the list. This was because they were free in the years when tolls were collected. Tolls having been abolished this item hereafter will not appear in the statistical tables in the above form.

Yours sincerely,

J. L. PAYNE,
Comptroller.

CANAL STATISTICS

FOR

SEASON OF NAVIGATION, 1906.

For the season of navigation of 1905 and 1906, all the canals were declared free, consequently no tolls were collected for the present year. The statistics as compiled show the Revenue as it would appear if tolls had been collected.

Both the revenue and tonnage show a large increase on all the canals for the present year, as per statements herewith presented.

REVENUE.

The total revenue, exclusive of hydraulic rents for two years, is as follows :—

For 1905	\$ 356,405 68
For 1906	379,549 70

By comparing the statistics of 1905 with 1906, it will be seen that the gross revenue has increased \$23,144.02.

The increases and decreases are as follows :—

	Increase.	Decrease.
On the Welland Canal.....	\$ 5,607 18	.....
" St. Lawrence Canals.....	12,974 98	.....
" Chambly Canal	1,797 30	.....
" Ottawa Canals.	1,742 17	.....
" Rideau Canals.....	1,333 08	.....
" St. Peter's Canal. ....	.....	\$ 253 26
" Trent Valley Canals.....	.....	134 56
" Murray Canal	77 13	.....
" Sault Ste. Marie Canal.....	.....	.....
Total.....	\$ 23,531 84	\$ 387 82
Total increase.	23,144 02	.....

STATEMENT of the Revenue, together with the increases and decreases of all the Canals for the seasons of Navigation from 1891 to 1906, inclusive.

Years.	Revenue.	Increase.	Decrease.
1891.....	\$ 350,351 97	\$ 2,292 46	.....
1892	358,711 04	8,359 07	.....
1893	348,012 00	.....	\$ 10,699 04
1894.....	307,824 67	.....	40,187 33
1895.....	283,211 41	.....	24,613 26
1896.....	350,061 03	66,849 62	.....
1897.....	346,758 87	.....	3,302 16
1898.....	341,679 23	.....	5,079 64
1899	291,652 37	.....	50,026 86
1900.....	269,116 25	.....	22,536 12
1901.....	250,949 57	.....	18,166 68
1902.....	227,577 93	.....	23,371 64
1903.....	333,086 86	105,518 93
1904.....	291,676 97	41,419 89
1905.....	356,405 68	64,728 71
1906.....	379,549 70	23,144 02

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GRAIN PASSED DOWN WELLAND.

The quantity of barley, corn, oats, pease, rye and wheat passed down the Welland Canal, from ports west of Port Colborne for a period of twenty five years is as follows :—

QUANTITY PASSED DOWN TO MONTREAL.		QUANTITY ON WHICH FULL TOLLS WERE PAID. (Free for 1904.)	
		To ports in Ontario.	Quantity from U. S. Ports to U.S. Ports.
	Tons.	Tons.	Tons.
1882.....	180,694	.....	63,881
1883.....	186,814	10,650	121,876
1884.....	142,194	12,153	104,537
1885..	96,569	11,909	117,346
1886.....	203,940	9,881	151,551
1887.....	185,034	11,838	134,868
1888..	160,358	25,599	169,664
1889.....	267,769	19,075	213,766
1890.....	288,513	16,899	245,932
1891.....	295,509	6,805	202,710
1892..	261,954	8,942	201,540
1893.....	501,806	25,555	222,958
1894.....	273,651	16,699	203,979
1895..	231,491	32,096	133,823
1896.....	461,049	73,386	160,372
1897.....	560,254	53,257	157,756
1898.....	519,532	31,279	144,612
1899.....	332,746	40,197	68,011
1900.....	244,661	17,525	84,589
1901..	151,566	13,732	83,370
1902.....	208,215	22,787	81,164
1903.....	351,936	29,062	111,828
1904.....	198,246	23,711	102,523
1905.....	341,431	42,061	129,270
1906.....	404,935	33,351	176,119

* Of the quantity of grain passed down to Montreal there were transhipped at Ogdensburg, in 1891, 17,817 tons ; in 1892, 4,341 tons ; in 1893, 71,445 tons ; in 1894, 23,030 tons ; in 1895, 18,987 tons ; in 1896, 77,355 tons ; in 1897, 89,659 tons ; in 1898, 40,257 tons ; in 1899, 43,823 tons ; in 1900, 38,403 tons ; in 1901, 17,387 tons ; in 1902, 34,060 tons ; in 1903, 40,641 tons ; none in 1904, 1905 nor 1906.

The tolls on grain for passage through the Welland Canal prior to 1884 were 20 cents a ton ; since that date, however, reductions have been made by Orders in Council from year to year as follows :—Upon the urgent request of forwarders and others interested in the grain trade, a reduction was made of one-half the usual rate of tolls on grain passing down the Welland Canal and the St. Lawrence Canals to Montreal ; and in 1885 tolls were reduced to 2 cents a ton, and thereafter from year to year, including 1891.

In 1892 the tolls were reduced to 2 cents a ton on grain passed down the Welland and St. Lawrence Canals and exported, and in such cases only.

In 1893 by Order in Council of February 13, the tolls were reduced to 10 cents a ton on grain passing eastward through the Welland Canal, irrespective of its destination, and the same rate of tolls for 1894 were allowed by O.C., April 16, 1894.

For the year 1895 (O.C., April 1, 1895), the same rate of tolls was allowed as was granted for the year 1894.

For the year 1896 (O.C., April 23, 1896), the same rate of tolls was allowed as was granted for the year 1895.

For the year 1897 (O.C., April 17, 1897), the same rate of tolls was allowed as was granted for the year 1896.

For the year 1898 (O.C., June 1, 1898), the same rate of tolls was allowed as was granted for the year 1897.

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For the year 1899 (O.C., April 10, 1899), the same rate of tolls was allowed as was granted for the year 1898.

For the year 1900 (O.C., February 20, 1900), the same rate of tolls was allowed as was granted for the year 1899.

For the year 1901 (O.C., May 3, 1901), the same rate of tolls was allowed as was granted for the year 1900.

For the year 1902 (O.C., April 1, 1902), the same rate of tolls was allowed as was granted for the year 1901.

For the year 1903 the canals were declared free of tolls. O.C., April 27, 1903.

For the year 1904 the canals were declared free of tolls. O.C., April 27, 1903.

For the year 1905 the canals were declared free of tolls. O.C., April 27, 1903.

For the year 1906 the canals were declared free of tolls. O.C., April 27, 1903.

The rate through the St. Lawrence Canals only was 10 cents a ton.

It may be remarked that goods having paid full tolls on the Welland Canal are allowed to pass down the St. Lawrence Canals to Montreal free from payment of any further tolls.

During the last decade the quantity of agricultural products as above, passed down the Welland and St. Lawrence Canals to Montreal, has decreased from 560,254 tons in 1897 to 404,935 tons in 1906 and the quantity passed down the Welland Canal from United States ports to United States, has increased from 157,756 to 176,119 tons for the same years.

The quantity of barley, buckwheat, corn, oats, pease, rye and wheat, arrived at Montreal via Grand Trunk and Canadian Pacific Railways for a period of 13 years, is reported as follows :—

	Tons.
For 1894.....	60,666
1895.....	51,114
1896.....	153,717
1897.....	228,611
1898.....	293,391
1899.....	209,170
1900.....	229,624
1901.....	227,700
1902.....	263,861
1903.....	253,959
1904.....	154,625
1905.....	148,377
1906.....	386,963

The quantity of the same articles passed down the whole length of the St. Lawrence Canals to Montreal for the same period was :—

	Tons.
For 1894.....	288,015
1895.....	247,550
1896.....	495,898
1897.....	604,200
1898.....	575,097
1899.....	372,291
1900.....	295,928
1901.....	203,316
1902.....	242,225
1903.....	400,057
1904.....	220,076
1905.....	375,630
1906.....	449,673

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Comparative shipments of grain by the St. Lawrence route, and rail and water via the State of New York, are as follows :—

QUANTITY OF GRAIN TO SEA-BOARD BY COMPETING ROUTES.

The quantity of grain and peas passed down the whole length of the St. Lawrence Canal to Montreal, is as follows :—

For 1905.....	375,630
1906.....	404,935
Showing an increase of.....	29,305

The quantity of grain and pease carried to Montreal via Canadian Pacific and Grand Trunk Railways, is reported as follows :—

For 1905.....	148,377
1906.....	386,963
Showing an increase of.....	238,586

The quantity of grain arrived at the tide-water by New York Canals, is reported as follows :—

For 1905.....	216,237
1906.....	294,467
Showing an increase of.....	78,230

The quantity of grain carried to tide-water by the New York railways, is reported as follows :—

For 1905.....	3,164,540
1906.....	3,942,771
Showing an increase of.....	778,231

The increases and decreases for 1906 as compared with 1905 on the several routes, competing for the carrying trade to the sea-board, are as follows :—

	Increase.	Decrease.	Increase.	Decrease.
	Tons.	Tons.	Per cent.	Per cent.
On the St. Lawrence.....	29,305		7.08	
" Canadian Pacific and Grand Trunk Railways.	238,586		160.79	
" New York Canals.....	78,230		36.18	
" " Railways.....	778,231		24.51	

By reference to Appendix U, it will be seen that the quantity of freight from ports west of Port Colborne to the United States ports, Oswego, Ogdensburg, &c., has

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decreased from 247,035 tons in 1895 to 236,003 tons in 1906 and the quantity to Ontario ports, between Port Dalhousie and Cornwall, and an increase from 111,946 tons in 1895 to 209,628 tons in 1906. The quantity passed down to Montreal shows an increase from 266,659 tons in 1895 to 523,159 tons in 1906.

TRANSHIPMENT OF GRAIN.

The quantity of grain passed down the Welland Canal in Canadian and United States vessels to Kingston and Prescott for fifteen years, is as follows:—

In Canadian vessels there were in—

			Tons.
1892, 158	Cargoes, with an aggregate quantity of		159,018
1893, 146	“ “		148,962
1894, 125	“ “		159,145
1895, 123	“ “		136,617
1896, 196	“ “		227,912
1897, 180	“ “		229,265
1898, 166	“ “		224,021
1899, 162	“ “		221,306
1900, 325	“ “		183,200
1901, 112	“ “		132,558
1902, 131	“ “		175,514
1903, 170	“ “		218,840
1904, 115	“ “		174,121
1905, 167	“ “		239,418
1906, 205	“ “		344,605

In the United States vessels there were in—

			Tons.
1892, 89	Cargoes with an aggregate quantity of		109,812
1893, 257	“ “		328,269
1894, 84	“ “		106,236
1895, 56	“ “		73,987
1896, 158	“ “		217,978
1897, 197	“ “		285,847
1898, 339	“ “		464,852
1899, 167	“ “		205,571
1900, 259	“ “		163,575
1901, 135	“ “		123,229
1902, 135	“ “		136,652
1903, 219	“ “		273,986
1904, 118	“ “		150,359
1905, 235	“ “		273,344
1906, 178	“ “		269,800

Seventy-four Canadian and 10 American vessels took cargoes of 108,734 tons through to Montreal intact in 1906; 96 Canadian and 19 American of 180,206 in 1905; 56 Canadian and 16 American of 116,095 tons in 1904; 56 Canadian and 18 American of 99,582 tons in 1903; 19 Canadian and 17 American of 34,804 tons in 1902; 23 Canadian and 2 American of 17,303 tons in 1901, 15 of 7,924 tons in 1900, 2 of 558 tons in 1899, 7 of 2,426 in 1898, 7 of 2,324 in 1897, 3 of 1,176 in 1896, 4 of 1,344 tons in 1895, 2 cargoes of 810 tons in 1894, none in 1893, 2 in 1892 of 924 tons, and 3 in 1891 of 1,441 tons. Three vessels lightened a portion of their cargoes in 1901, 9 in 1900, 11 in 1899, 25 in 1898, 11 in 1897, 16 in 1896, 6 in 1895, 19 in 1894, 34 in 1893, 25 in 1892, and 44 in 1891; 222 vessels discharged the whole of their cargoes at Kingston in 1901, 540 in 1900, 316 in 1899, 473 in 1898, 359

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in 1897, 335 in 1896, 169 in 1895, 188 in 1894, 369 in 1893, 220 in 1892, and 293 in 1891.

The quantity of grain transhipped at Port Colborne in 1906 and the four previous years is given below.

The total number of grain-laden vessels lightened at this port in 1906 was 72, against 50 the previous year.

The quantity of grain lightened was as follows :—

Articles.	1901.	1902.	1903.	1904.	1906.	1907.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
Wheat.	393,490	577,697	670,302	175,117	679,840	1,009,474
Corn.....	556,911	529,651	834,718	408,976	104,027	110,629
Rye.....	Nil.	Nil.	13,768	.....	.....	.....
Oats.....	76,236	5,824	2,765	15,353	.....	29,118
Barley.....	27,115	Nil.	13,242	9,686	.....	2,103

The quality of Wheat discharged at Port Colborne in 1906 and two previous years from vessels which did not enter the canal, is as follows :—

1904.	1905.	1906.
Bush.	Bush.	Bush.
88,067	108,459	383,437

WELLAND CANAL.

The total quantity of freight passed on the Welland Canal during the season of 1906 was 1,201,967 tons ; of this quantity 11,187 tons were way or local freight.

There were 979,099 tons of freight passed eastwards, and 222,868 passed westwards.

East and west bound Through Freight.

The total quantity of through freight passed through the whole length of the Welland Canal during the season of 1906 was 1,190,780 tons.

Of this quantity 968,790 tons were east bound and 221,990 west bound freight.

Of the east bound through freight, Canadian vessels carried 488,674 tons and United States vessels carried 480,116 tons ; and of the west bound through freight Canadian vessels carried 119,104 tons and United States vessels carried 102,886 tons, or a total of 607,778 tons for Canadian and 583,002 tons for American vessels.

ST. LAWRENCE CANALS.

The total quantity of freight passed through these canals during 1906 was 1,636,117 tons ; of this quantity 1,033,716 tons passed eastward and 602,401 passed westward.

East and west bound Through Freight.

The total quantity of through freight was 1,200,092 tons ; of this quantity 910,331 tons were east bound and 289,761 tons were west bound.

Way Freight.

Of the total quantity of (way) or local freight 312,640 tons were east bound and 123,385 tons west bound freight.

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THROUGH TRAFFIC BETWEEN MONTREAL AND PORTS ON LAKE ERIE, MICHIGAN, ETC.

The total quantity of through freights passed eastward and westward through the Welland and St. Lawrence Canals, from Lake Erie to Montreal during fifteen years, is as follows :—

	Eastward to Montreal. Tons	Westward from Montreal. Tons.
1892.....	263,144	9,452
1893.....	508,016	16,545
1894.....	292,191	9,439
1895.....	266,659	10,555
1896.....	480,077	10,050
1897.....	584,246	4,542
1898.....	538,108	4,436
1899.....	354,933	5,991
1900.....	288,251	6,217
1901.....	184,420	13,714
1902.....	250,475	25,289
1903.....	390,786	100,699
1904.....	278,328	71,512
1905.....	448,704	72,482
1906.....	554,231	96,791

THROUGH FREIGHT FROM UNITED STATES PORTS TO UNITED STATES PORTS.

The total quantity of through freight passed eastward and westward through the Welland Canal, from United States ports to United States ports, for a period of fifteen years, is as follows :—

	Eastward. Tons.	Westward. Tons.	Total. Tons.
1892.....	300,733	240,332	541,065
1893.....	384,559	247,108	631,667
1894.....	361,319	230,948	592,267
1895.....	255,259	214,520	469,779
1896.....	385,695	267,518	653,213
1897 ..	353,863	210,831	564,694
1898.....	277,023	210,516	487,539
1899 ..	225,491	135,038	360,529
1900.....	218,969	99,560	318,529
1901 ..	190,476	83,543	274,019
1902.....	224,110	44,919	269,029
1903.....	221,074	149,151	370,225
1904.....	165,337	87,144	252,481
1905 ..	190,547	112,549	303,096
1906 ..	237,226	84,205	321,431

The total quantity of freight passed through the Welland Canal from United States ports to United States ports shows an increase of 18,335 tons, as compared with the previous year ; and a decrease of 219,634 tons as compared with 1892.

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The following statement shows the aggregate number of vessels, and the total quantity of freight passed through the Welland Canal, and the quantity passed between United States ports during the years 1867 to 1906 inclusive:—

Fiscal Year.	Aggregate number of Vessels.	Total quantity transported on the Welland Canal.	Quantity passed from United States ports to United States ports.
	Number.	Tons.	Tons.
1867.....	5,405	933,260	458,386
1868.. ..	6,157	1,161,821	641,711
1869.. ..	6,069	1,231,903	688,700
1870.....	7,356	1,311,956	747,567
1871.. ..	7,729	1,478,122	772,756
<i>Season of navigation.</i>			
1872.....	6,063	1,333,104	606,627
1873.....	6,425	1,506,484	656,208
1874.....	5,814	1,389,173	748,557
1875.. ..	4,242	1,038,050	477,809
1876.. ..	4,789	1,099,810	488,815
1877.....	5,129	1,175,398	493,841
1878.....	4,429	968,758	373,738
1879.....	3,960	865,664	284,043
1880.....	4,104	819,934	179,605
1881.....	3,332	686,506	194,173
1882.....	3,334	790,643	282,806
1883.....	3,267	1,005,156	432,611
1884.....	3,138	837,811	407,079
1885.....	2,738	784,928	384,509
1886.....	3,589	980,135	464,478
1887.....	2,785	777,918	340,501
1888.. ..	2,647	878,800	434,753
1889.....	2,975	1,085,273	563,584
1890.....	2,883	1,016,165	533,957
1891.....	2,594	975,013	553,800
1892.. ..	2,615	955,554	541,065
1893.....	2,843	1,294,823	631,667
1894.....	2,412	1,008,221	592,267
1895.....	2,222	869,595	469,779
1896.....	2,766	1,279,987	653,213
1897.. ..	2,725	1,274,292	564,694
1898.. ..	2,384	1,140,077	487,539
1899.....	2,202	789,770	360,529
1900.....	2,399	719,360	318,529
1901.....	1,547	620,209	274,019
1902.. ..	1,568	665,387	269,029
1903.. ..	1,787	1,002,919	370,225
1904.....	1,433	811,371	252,481
1905.....	1,595	1,092,050	305,096
1906.....	1,536	1,201,967	321,431

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The total quantity of freight passed through the several divisions of the canals during the season of 1906 is as follows :—

	Farm Stock.	Forest Produce of Wood.	Manufac- tures.	Merchan- dise.	Agricultural Products.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland.....		147,468	91,809	222,202	740,488	1,201,967
St. Lawrence	1,857	271,324	142,664	595,566	624,706	1,636,117
Chambly.....	254	368,474	7,477	104,898	17,836	498,939
Ottawa	1,161	346,265	794	44,014	5,181	397,415
Rideau	6	31,430	6,517	38,128	6,078	82,159
St. Peters.....	6	10,361	3,430	50,561	11,969	76,327
Murray.....	8	3,274	9,523	12,846	2,076	27,727
Trent Valley	188	26,645	384	255	1,023	28,495
Sault Ste. Marie.....	43	161,130	216,079	4,523,055	1,673,732	6,574,039

The total quantity of freight moved on the Welland Canal was 1,201,967 tons, of which 740,488 tons were agricultural products.

On the St. Lawrence Canals the total quantity of freight moved was 1,636,117 tons, of which 624,706 were agricultural products, and 595,566 tons were merchandise.

On the Ottawa Canals the total quantity of freight moved was 397,415 tons ; of this quantity 346,265 tons were the produce of the forest.

STATISTICAL COMPARISON OF VARIOUS UNITED STATES ROUTES.

The statistical comparisons heretofore given in respect to the quantities of the principal articles carried through the Welland Canal, and those carried over routes in the United States, in competition with that work, have been continued to date.

By reference to statement H, as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by the New York Canals was 572,080 in 1906, 346,200 tons in 1905, 361,333 tons in 1904, 512,601 tons in 1903, 489,053 in 1902, 557,099 in 1901, 472,857 in 1900, 577,486 in 1899, 653,027 in 1898, 744,575 in 1897, 957,182 in 1896, 606,505 in 1895, 1,400,129 in 1894, 1,450,116 in 1893, 937,999 in 1892, and 1,092,385 in 1891.

The quantities of vegetable food carried by the New York Central, Erie and New York, West Shore and Buffalo Railways being :—

	Tons.		Tons.
In 1906.....	5,350,042	In 1887.....	*3,847,766
1905.....	4,475,888	1886.....	*3,802,262
1904.....	4,632,082	1885.....	4,105,594
1903.....	5,548,603	1884.....	3,639,805
1902.....	6,532,263	1883.....	4,422,461
1901.....	8,334,001	1882.....	3,885,557
1900.....	6,053,005	1880.....	4,732,385
1899.....	6,211,827	1869	1,087,809
1898.....	7,060,542		
1897.....	5,673,638		
1896.....	5,183,540		
1895.....*	3,798,574		
1894.....	4,281,056		
1893.....	5,107,426		
1892.....	5,913,013		
1891.....	5,565,381		
1890.....	4,336,199		
1889.....	3,654,984		
1888.....	3,197,734		

* Flour and grain only.

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The following figures are an abstract of the quantities of vegetable food carried to tide-water by the canals and railways of the State of New York during thirty-eight years :—

	Canals.	Railways.	Total.	Proportions by Canals.
	Tons.	Tons.	Tons.	Tons.
1869.....	1,302,613	1,087,809	2,390,342	·545
1870.....	1,295,010	1,766,467	3,061,467	·423
1871.....	1,850,198	2,205,589	4,055,787	·456
1872.....	1,674,320	1,870,614	3,544,934	·472
1873.....	1,745,171	2,036,992	3,782,163	·461
1874.....	1,767,598	2,791,517	4,559,115	·387
1875.....	1,305,550	2,343,241	3,648,791	·357
1876.....	1,064,293	2,875,803	3,940,096	·270
1877.....	1,498,984	2,493,683	3,992,667	·375
1878.....	1,912,734	3,695,764	5,608,498	·341
1879.....	1,833,399	4,353,617	6,187,016	·296
1880.....	2,371,090	4,732,385	7,103,475	·333
1881.....	1,116,561	4,983,722	6,100,283	·183
1882.....	1,118,776	3,885,557	5,004,333	·223
1883.....	1,379,000	4,422,461	5,801,461	·237
1884.....	1,236,986	3,639,805	4,876,791	·253
1885.....	1,063,310	4,105,594	5,168,904	·205
1886.....	1,489,886	3,800,262	5,292,148	·281
1887.....	1,539,403	3,847,766	5,387,169	·285
1888.....	1,166,958	3,197,734	4,364,692	·267
1889.....	1,296,896	3,654,984	4,951,880	·262
1890.....	1,167,901	4,336,199	5,504,100	·212
1891.....	1,092,355	3,565,381	4,657,736	·234
1892.....	937,999	5,913,013	6,851,012	·137
1893.....	1,452,563	5,107,426	6,599,989	·284
1894.....	1,400,129	4,281,056	5,681,185	·327
1895.....	602,505	3,798,574	4,401,079	·159
1896.....	957,182	5,183,540	6,140,722	·156
1897.....	744,575	5,673,638	6,418,213	·116
1898.....	653,027	7,060,542	7,713,569	·085
1899.....	577,486	6,211,827	6,789,313	·086
1900.....	472,857	6,053,005	6,525,862	·073
1901.....	557,099	6,334,001	6,891,100	·081
1902.....	489,053	6,532,263	7,021,316	·069
1903.....	512,601	5,548,603	6,061,204	·081
1904.....	361,333	4,632,082	4,993,415	·073
1905.....	346,200	4,475,888	4,822,088	·072
1906.....	520,080	5,350,042	5,870,122	·097

SESSIONAL PAPER No. 20a

COMPARATIVE STATEMENT OF TRAFFIC BY RAILWAYS AND CANALS VIA THE STATE
OF NEW YORK.

On reference to the returns made by the railways to the state authorities of New York, and to the canal statistics submitted to the state legislature, I find that of the total tonnage of freight carried by the canals and railways, the state canals carried :—

	Per cent.		Per cent.
In 1850.....	68·9	In 1887.....	16·3
1869.....	47·0	1888.....	18·8
1870.....	38·9	1889.....	15·1
1871.....	38·9	1890.....	13·9
1872.....	40·1	1891.....	13·4
1873.....	34·9	1892.....	9·8
1874.....	31·7	1893.....	10·1
1875.....	28·4	1894.....	10·2
1876.....	24·6	1895.....	9·7
1877.....	28·3	1896.....	8·5
1878.....	27·1	1897.....	8·3
1879.....	23·7	1898.....	6·9
1880.....	25·1	1899.....	7·2
1881.....	18·5	1900.....	5·2
1882.....	19·0	1901.....	5·1
1883.....	18·7	1902.....	5·5
1884.....	19·0	1903.....	5·6
1885.....	17·1	1904.....	4·6
1886.....	16·9	1905.....	4·5
		1906.....	4·5

The quantity of freight carried by the canals and railways was more in 1906 by 8,491,081 tons than the quantity carried in 1905, and an increase of 69,791,048 tons over 1869.

The quantities carried were as follows :—

	Total Tonnage.	Proportion by canals.
In 1859.....	5,485,076	·6890
1869.....	12,453,174	·4705
1870.....	15,148,174	·3895
1871.....	15,844,152	·3896
1872.....	16,631,609	·4012
1873.....	18,200,208	·3497
1874.....	18,283,547	·3174
1875.....	17,101,758	·2841
1876.....	16,948,627	·2462
1877.....	17,489,770	·2833
1878.....	19,017,301	·2719
1879.....	22,590,766	·2373
1880.....	25,706,586	·2512
1881.....	27,857,394	·1859
1882.....	28,693,054	·1905
1883.....	30,167,119	·1877
1884.....	26,293,844	·1905
1885.....	27,543,948	·1718
1886.....	31,168,744	·1698
1887.....	34,029,791	·1632
1888.....	26,244,610	·1883
1889.....	35,466,042	·1514

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QUANTITY of freight carried—*Concluded.*

	Total Tonnage.	Proportion by canals.
1890.	37,624,199	·1394
1891.....	38,524,179	·1343
1892.....	43,618,569	·0982
1893.....	42,953,233	·1009
1894.....	37,916,412	·1024
1895.....	36,170,339	·0967
1896.....	43,756,051	·0849
1897.....	43,711,512	·0828
1898.....	49,311,030	·0682
1899.....	51,702,761	·0713
1900.....	65,433,541	·0512
1901.....	65,640,837	·0506
1902.....	72,075,774	·0549
1903.....	72,283,508	·0559
1904.....	68,510,495	·0459
1905.....	73,753,141	·0458
1906.....	82,244,222	·0458

Average freight rates, grain, Chicago to Buffalo:—(as reported by the Secretary Merchants' Exchange, Buffalo).

Year.	Wheat.	Year.	Wheat.
1881.....	3·2	1894.....	1·2
1882.....	2·5	1895.....	1·9
1883.....	3·5	1896.....	1·7
1884.....	2·1	1897.....	1·5
1885.....	2·0	1898.....	1·5
1886.....	3·6	1899.....	2·5
1887.....	4·1	1900.....	1·8
1888.....	2·7	1901.....	1·6
1889.....	2·5	1902.....	1·5
1890.....	1·9	1903.....	1·4
1891.....	2·5	1904.....	1·5
1892.....	2·2	1905.....	1·7
1893.....	1·6		
		Average twenty-six years	2·2

SESSIONAL PAPER No. 20a

COMPARATIVE STATEMENT of the Commerce through the U. S. St. Mary's Falls Canals and Canadian Sault Ste. Marie Canal, for the Seasons of 1905 and 1906.

	Traffic for 1906.		Total traffic for		Increase.	Decrease.
	United States Canal.	Canadian Canals.	Season of 1906.	Season of 1905.	Amount.	Amount.
Vessels.....Number	16,475	5,680	22,155	21,681	474	
Lockages....."	10,371	4,152	14,523	13,729	794	
Tonnage registered.....Net tons	34,789,793	6,359,124	41,148,917	36,658,870	4,490,047	
" freight....."	45,180,292	6,574,039	51,754,331	44,275,596	7,478,735	
Passengers.....Number	30,925	32,284	63,209	54,548	8,661	
Coal (hard)....Net tons	872,383	144,197	1,016,580	984,254	32,326	
" (soft)....."	6,634,006	1,093,814	7,727,820	5,525,765	2,202,055	
Flour.....Barrels	4,100,024	2,439,513	6,539,537	5,770,246	769,291	
Wheat....."	49,977,831	34,388,478	84,366,309	68,558,000	15,808,309	
Grain (excluding wheat).."	37,661,898	16,702,861	54,364,759	39,285,107	15,079,652	
Manufactured & pig iron Net tons	304,321	147,627	451,948	270,426	181,522	
Salt.....Bushels	371,680	96,663	468,343	424,139	44,204	
Copper.....Net tons	99,572	8,976	108,548	105,800	2,748	
Iron ore....."	32,453,645	2,947,616	35,401,261	31,327,313	4,073,948	
Lumber, ft. B.M.	854,167,000	33,352,198	887,519,198	954,768,800		67,249,602
Silver ore.....Net tons				41		41
Building stone....."	6,222	1,345	7,567	23,728		16,161
Unclassified freight....."	541,895	405,740	947,635	815,371	132,264	

The United States canal was open to navigation during the season of—

1889	234	days.
1890	228	"
1891	225	"
1892	233	"
1893	219	"
1894	234	"
1895	231	"
1896	232	"
1897	234	"
1898	241	"
1899	231	"
1900	238	"
1901	230	"
1902	256	"
1903	249	"
1904	223	"
1905	245	"
1906	249	"

The Canadian canal was open to navigation during the season of—

1895	87	"
1896	218	"
1897	238	"
1898	243	"
1899	239	"
1900	238	"
1901	246	"
1902	264	"
1903	256	"
1904	241	"
1905	255	"
1906	253	"

The average number of vessels passing per day through the two canals for the season of 1906 was eighty-eight.

R. DEVLIN,
Compiler of Canal Statistics.

OTTAWA, April 5, 1907.

SESSIONAL PAPER No. 20a

EXPORTS by Lake from Chicago to Canada during the Season of Navigation in 1906.

(From Report of Board of Trade of Chicago.)

Commodities.		Quantity.	Value.
Flour	Tons.	8,098	\$ 297,429
Wheat ..	Bushels.	125,628	89,068
Corn ..	"	2,997,151	1,572,575
Oats	"	161,700	55,786
Flax seed	"	79,800	95,760
Oil cake ..	Tons.	237	5,811
Beef	Barrels.	632	9,553
Pork	"	5,878	79,665
Lard ..	Tierces.	530	17,429
Oil	Barrels.	42	422
Unclassified	Tons.	4,526	85,640
Total value			\$ 2,309,138

GRAIN FREIGHTS BY LAKE—SEASON OF 1906.

The following were the current rates on Wheat and Corn from Chicago, Buffalo, Ogdensburg, Depot Harbour and Montreal; also to New York by Lake and Erie Canal, for each week during the Season of Navigation.

1906.	To BUFFALO.		To OGDENSBURG.		To DEPOT HARBOUR.		To MONTREAL.		ERIE CANAL, BUFFALO TO NEW YORK.		CHICAGO TO NEW YORK, LAKE AND CANAL.	
	Wheat per bush.	Corn per bush.	Wheat per bush.	Corn per bush.	Wheat per bush.	Corn per bush.	Wheat per bush.	Corn per bush.	Wheat per bush.	Corn per bush.	Wheat per bush.	Corn per bush.
April 14	cts. 13	cts. 11	cts. 4	cts. 4	cts. 13	cts. 11	cts. 63	cts. 51	cts. 4	cts. 33	cts. 53	cts. 43
" 21	13	11	4	4	13	11	63	51	4	33	53	43
" 28	13	11	4	4	13	11	63	51	4	33	53	43
May 5	13	11	4	4	13	11	63	51	4	33	53	43
" 12	13	11	4	4	13	11	63	51	4	33	53	43
" 19	13	11	4	4	13	11	63	51	4	33	53	43
" 26	13	11	4	4	13	11	63	51	4	33	53	43
June 2	13	11	4	4	13	11	63	51	4	33	53	43
" 9	13	11	4	4	13	11	63	51	4	33	53	43
" 16	13	11	4	4	13	11	63	51	4	33	53	43
" 23	13	11	4	4	13	11	63	51	4	33	53	43
" 30	13	11	4	4	13	11	63	51	4	33	53	43
July 7	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
" 14	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
" 21	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
" 28	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
Aug. 4	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
" 11	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
" 18	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
" 25	13	11	3 1/2	3 1/2	13	11	63	51	4	33	53	43
Sept. 1	13	11	4	4	13	11	63	51	4 1/2	33	53	43
" 8	13	11	4	4	13	11	63	51	4 1/2	33	53	43
" 15	13	11	4	4	13	11	63	51	4 1/2	33	53	43
" 22	13	11	4	4	13	11	63	51	4 1/2	33	53	43
" 29	13	11	4	4	13	11	63	51	4 1/2	33	53	43
Oct. 6	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 13	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 20	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 27	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
Nov. 3	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 10	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 17	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 24	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
Dec. 1	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43
" 8	13	11	4 1/2	4 1/2	13	11	63	51	4 1/2	33	53	43

*Exclusive of Buffalo charges.

AVERAGE LAKE FREIGHTS

The following statement shows the average rates of lake freights on wheat and corn between Chicago and Buffalo during each month in the past ten years, the highest and lowest rate on wheat in each year, and the average rates on wheat each year in cents, per bushel :—

(Per Report of Secretary of Merchants' Exchange, Buffalo.)

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
	cts.	cts.	cts.	cts.	cts.	cts.	cts.
1897 { Wheat..	1·3	1·2	1·3	1·5	2·0	1·8	1·5
1897 { Corn.	1·2	1·1	1·2	1·4	1·8	1·7	1·4
Highest rate, wheat, 1897, 2 ⁵ / ₈ c. ; lowest, 1c. ; average for the season, 1·5c.							
1898 { Wheat.	1·3	0·1	0·9	1·2	1·4	2·5	2·3
1898 { Corn.	1·2	0·8	0·8	1·1	1·3	2·3	2·1
Highest rate, wheat, 1898, 3 ¹ / ₄ c. ; lowest, 1 ¹ / ₄ ; average for the season, 1·5c.							
1899 { Wheat.	2·0	2·0	2·2	2·5	3·1	3·5	2·5
1899 { Corn.	1·8	1·9	2·0	2·3	3·2	3·4	2·3
Highest rate, wheat, 1899, 3 ³ / ₄ c. ; lowest, 1 ⁷ / ₈ c. ; average for the season, 2·5c.							
1900 { Wheat.	1·8	1·9	2·1	1·6	1·7	1·7	2·0
1900 { Corn.	1·6	1·7	2·0	1·5	1·6	1·5	1·8
Highest rate, wheat, 1900, 3c. ; lowest, 1 ¹ / ₄ c. ; average for the season, 1·8c.							
1901 { Wheat.	1·9	1·5	1·6	1·3	1·6	1·3	2·0
1901 { Corn.	1·8	1·3	1·4	1·2	1·5	1·2	1·2
Highest rate, wheat, 1901, 2 ¹ / ₂ c. ; lowest, 1 ¹ / ₄ c. ; average for the season, 1·60c.							
1902 { Wheat.	1·3	1·3	1·2	1·6	1·5	1·7	1·9
1902 { Corn.	1·2	1·1	1·1	1·4	1·4	1·6	1·7
Highest rate, wheat, 1902, 2 ¹ / ₂ c. ; lowest, 1 ³ / ₈ c. ; average for the season, 1·5c.							
1903 { Wheat.	1·4	1·3	1·3	1·2	1·2	1·4	1·8
1903 { Corn.	1·3	1·2	1·2	1·0	1·0	1·3	1·6
Highest rate, wheat, 1903, 2 ¹ / ₄ c. ; lowest, 1 ¹ / ₄ c. ; average for the season, 1·4c.							
1904 { Wheat.	2·5	1·7	1·0	1·2	1·2	1·3	1·6
1904 { Corn.	2·5	1·3	0·8	1·0	1·1	1·2	1·5
Highest rate, wheat, 1904, 3c. ; lowest, 1c. ; average for the season, 1·5c.							
1905 { Wheat.	1·1	1·3	1·3	1·4	1·4	2·2	2·8
1905 { Corn.	1·0	1·2	1·1	1·2	1·3	2·0	2·7
Highest rate, wheat, 1905, 3c. ; lowest, 1 ¹ / ₈ c. ; average for the season, 1·7c.							
1906 { Wheat.	1·3	1·3	1·5	1·9	1·7	2·0	2·0
1906 { Corn.	1·2	1·2	1·4	1·8	1·6	1·9	1·7
Highest rate, wheat, 1906, 2 ¹ / ₈ c. ; lowest, 1 ³ / ₈ c. ; average for the season, 1·7c.							

LAKE FREIGHT FROM DULUTH TO BUFFALO ON WHEAT (AS REPORTED BY THE SECRETARY OF THE MERCHANTS' EXCHANGE, BUFFALO, N.Y.)

The following statement shows the lake freight rates on wheat from Duluth to Buffalo, during the season 1906 :—

1906.	Wheat bushels.	1906.	Wheat bushels.
	cts.		cts.
April 13	2	Sept. 29	2 ³ / ₄
" 23	1 ³ / ₄	Oct. 12	3
May 10	2	" 27	2 ³ / ₄
" 22	1 ³ / ₄	Nov. 9	2 ¹ / ₂
July 14	2	" 12	2 ¹ / ₂
" 25	2 ¹ / ₄	" 15	2
Aug. 4	2 ¹ / ₄	" 21	1 ³ / ₄
" 15	2 ¹ / ₄	Dec. 1	2
" 20	2	" 5	2 ¹ / ₄
Sept. 4	2 ¹ / ₄	" 7 to close	3
" 10	2 ¹ / ₂		

In 1885 the range of freights on wheat, Duluth to Buffalo, was $1\frac{1}{2}$ to 5c. ; in 1886, $3\frac{1}{4}$ to 8c. ; in 1887, 5 to 8c. ; in 1888, 2 to 5c. ; in 1889, 2 to 5c. ; in 1890, 2 to 5c. ; in 1891, $1\frac{1}{4}$ to $9\frac{1}{2}$ c. ; in 1892, $2\frac{1}{4}$ to 4c. ; in 1893, $1\frac{1}{4}$ to $3\frac{1}{2}$ c. ; in 1894, $1\frac{1}{4}$ to 3c. ; in 1895, 2 to 6c. ; in 1896, $1\frac{1}{4}$ to 3c. ; in 1897, 1 to $2\frac{1}{2}$ c. ; in 1898, 1 to $3\frac{1}{2}$ c. ; in 1899, $2\frac{1}{2}$ to 6c. ; in 1900, $1\frac{1}{2}$ to $3\frac{3}{4}$ c. ; in 1901, $1\frac{1}{8}$ to $3\frac{3}{4}$ c. ; in 1902, 1 to $2\frac{1}{4}$ c. ; in 1903, $1\frac{1}{8}$ to $2\frac{3}{4}$ c. ; in 1904, 1 to 5c. ; in 1905, $1\frac{1}{4}$ to 4c. ; and in 1906, $1\frac{3}{4}$ to 3c. per bushel.

The first departure by lake, at Duluth in 1904, was May 14 ; in 1903 was April 9 ; in 1902 was on March 31 ; in 1901 was on May 6 ; in 1900 was on April 22 ; in 1899, on April 29 ; in 1898, was on April 16 ; in 1896, on April 22 ; and in 1895, on April 21. In 1894 season opened on April 19 ; in 1893, on May 8 ; in 1892, on April 21 ; in 1891, on April 30 ; in 1890, on March 26 ; in 1889, on April 20 ; in 1888, on May 12 ; in 1887, May 4 ; in 1886, on May 7.

Wheat was shipped at Kingston, Canada, per bushel, during the season of 1887, at $6\frac{1}{4}$ to $7\frac{3}{4}$ c. ; in 1888, at 4 to 5c. ; in 1889, at — ; in 1890, $5\frac{3}{4}$, $5\frac{1}{2}$, $4\frac{1}{2}$, $4\frac{1}{4}$, 4c. ; in 1891, during May, $3\frac{3}{4}$, $3\frac{1}{2}$, $2\frac{1}{2}$ c. ; during June, 3c. ; and on July 25, $2\frac{1}{2}$ c. ; in 1892, 5c. in April ; 5 to $5\frac{1}{4}$ c. in May ; 4c. in June ; $4\frac{1}{2}$ c. in July ; 3c. in August ; 6 to $6\frac{1}{4}$ c. in October ; in 1903, ranged from $5\frac{1}{2}$ to $4\frac{1}{2}$ c. in April ; $4\frac{1}{2}$ to $4\frac{3}{4}$ c. in May ; 4 to $3\frac{1}{2}$ c. in June ; $2\frac{3}{4}$ to 3c. in July ; $3\frac{1}{2}$ to $3\frac{3}{4}$ c. in September ; no figures quoted after that date. In 1894 ranged from $3\frac{1}{4}$ to $3\frac{1}{2}$ c. in May ; $3\frac{1}{2}$ c. in June ; $2\frac{1}{2}$ c. in July ; $2\frac{1}{2}$ to $3\frac{1}{4}$ c. in August ; 4c. in September, and $4\frac{1}{2}$ c. in October. On August 25 and November 3, 1894, wheat to Ogdensburg, at $3\frac{1}{4}$ c. and $4\frac{1}{2}$ c. respectively. In 1895, wheat to Kingston from 3c. to 5c. In 1896, wheat to Kingston from 3c. to $5\frac{1}{2}$ c. ; and in 1897, wheat to Kingston from 3c. to $3\frac{1}{2}$ c., according to time of year ; 1898 to 1899 not given.

LAKE FREIGHTS FROM TOLEDO TO BUFFALO ON WHEAT.

The following statements show the ruling rates of lake freights on wheat from Toledo to Buffalo, during the season of 1906 on the dates specified, as reported by the Secretary, Merchants' Exchange, Buffalo.

Date, 1906.	Wheat and Corn per Bushel.	Date, 1906.	Wheat and Corn per Bushel.
	Cts.		Cts.
Opening to April 1.. .. .	1	April 1 to July 14.....	$1\frac{1}{4}$
July 14 to August 1.....	$1\frac{1}{2}$ $1\frac{1}{8}$	August 1 to close	$1\frac{1}{4}$ - $1\frac{1}{2}$

The range for 1886 was $1\frac{3}{4}$ to 3c. ; for 1887, $2\frac{1}{4}$ to 3c. ; for 1888, $1\frac{1}{2}$ to $2\frac{1}{8}$ c. ; for 1889, $1\frac{3}{4}$ to 2c. ; for 1890, $1\frac{1}{2}$ to 2c. ; 1891, 1 to 3c. ; for 1892, $1\frac{1}{2}$ to $2\frac{1}{2}$ c. ; for 1893, 1 to 2c. ; for 1894, 1 to 2c. ; for 1895, 1 to $2\frac{1}{4}$ c. ; for 1896, $1\frac{1}{4}$ to $1\frac{3}{4}$ c. ; for 1897, 1 to $1\frac{1}{4}$ c. ; for 1898, 1 to $1\frac{1}{2}$ c. ; for 1899, $1\frac{1}{2}$ to 2c. ; for 1900, $1\frac{1}{2}$ to 2c. ; for 1901, $1\frac{1}{4}$ to $1\frac{1}{2}$ c. ; for 1902, $1\frac{1}{8}$ to 2c. ; for 1903, $1\frac{1}{8}$ to $1\frac{1}{2}$ c. ; for 1904, 1 to $1\frac{3}{4}$ c. ; for 1905, 1 to $1\frac{1}{2}$ c. ; and for 1906, 1 to $1\frac{1}{2}$ c. per bushel.

From Toledo to Ogdensburg, wheat and corn shipped at 6 to 7c. in 1887 ; at $4\frac{1}{2}$ to 6c. for wheat and 5c. for corn in 1888 ; and 5 to $5\frac{7}{8}$ c. for wheat in 1889 per bushel. From Toledo, on October 8, 1887, corn shipped to Kingston at $3\frac{1}{2}$ c., and on November 12, at $4\frac{1}{2}$ c. per bushel. In 1888, corn, Toledo to Kingston, $4\frac{1}{2}$ to 3c. ; and wheat at $3\frac{1}{2}$ to 3c. per bushel. In 1889, wheat, Toledo to Kingston, 3c. ; and in 1891, rye, Toledo to Kingston at 3c. per bushel. From Toledo, on June 2, 1887, wheat shipped to Montreal by propeller at $6\frac{1}{2}$ c. ; on June 14, corn at same price ; but on September 26, the rate on corn was only 5c. per bushel. In 1888, corn, Toledo to Montreal, at 6 to $5\frac{3}{4}$ c., and wheat at $5\frac{1}{2}$ c. per bushel. From 1889 to 1899, no shipments to Montreal or other places in Canada reported.

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CANAL FREIGHT FROM BUFFALO TO NEW YORK.

The following shows the changes in the ruling rates of freight to New York from Buffalo, on the days specified in 1906 (as reported by the Secretary, Merchants' Exchange, Buffalo).

Date, 1906.	Wheat, Bushels.	Corn, Bushels.	Date, 1906.	Wheat, Bushels.	Corn, Bushels.
	Cts.	Cts.		Cts.	Cts.
May 2.	4	3½			
Sept. 25.....	4½	4½	Oct. 22, to close.....	5	4½

Freight on oats varied from 2¾ to 3½c. per bushel. Pine lumber, per 1,000 feet. was carried from Buffalo to Tonawanda to New York as follows: Opened at \$1.65; June, \$1.65; July, \$1.75; August, \$1.75; September, \$1.85; October, \$2 to \$2.10; to close, \$2.25. Rates to Albany opened \$2; June, \$2; July, \$2.15; August, \$2.15 no shipments from September to close.

AVERAGE CANAL FREIGHTS.

BUFFALO TO NEW YORK.

The following statement shows the average rates of canal freights on wheat and corn between Buffalo and New York during each month in the past ten years, and the highest and lowest rates on wheat and average rate on wheat on each :—

(Reported by Sec. Merchants' Exchange, Buffalo.)

Grain.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
1897 { Wheat.....	2·6	2·2	2·3	2·5	3·3	3·1	3·5
1897 { Corn.....	2·2	1·8	2·0	2·2	2·8	2·6	3·0
Highest rate, wheat, 1897, 3·5c.; lowest, 2c.; average for the season, 2·8c.							
1898 { Wheat.....	3·0	2·9	2·8	2·7	2·6	3·0	3·0
1898 { Corn.....	2·5	2·3	2·4	2·1	2·2	2·6	2·6
Highest rate, wheat, 1898, 3·4c.; lowest, 2·5c.; average for the season, 2·8c.							
1899 { Wheat.....	2·5	2·7	2·4	2·5	2·5	3·6	4·2
1899 { Corn.....	2·3	2·3	2·1	2·1	2·2	3·0	3·5
Highest rate, wheat, 1899, 4·5c.; lowest, 2·5c.; average for the season, 2·8c.							
1900 { Wheat.....	2·4	2·2	2·3	2·3	2·2	2·7	3·5
1900 { Corn.....	2·1	2·0	2·1	2·0	2·0	2·4	3·0
Highest rate, wheat, 1900, 3½c.; lowest, 2c.; average for the season, 2·5c.							
1901 { Wheat.....	3·4	3·2	3·2	3·2	3·3	4·0	4·1
1901 { Corn.....	2·7	2·8	2·8	2·9	3·1	3·7	3·8
Highest rate, wheat, 1901, 4¾c.; lowest, 3¼c.; average for the season, 3·5c.							
1902 { Wheat.....	4·0	3·8	3·3	3·3	3·8	4·0	4·1
1902 { Corn.....	3·6	3·4	3·1	3·1	3·5	3·7	3·8
Highest rate, wheat, 1902, 4½c.; lowest, 3¾c.; average for the season, 3·8c.							
1903 { Wheat.....	4·1	4·1	4·2	4·2	4·0	3·7	3·7
1903 { Corn.....	3·7	3·7	3·8	3·8	3·6	3·3	3·3
Highest rate, wheat, 1903, 4¼c.; lowest, 3¾c.; average for the season, 4c.							
1904 { Wheat.....	3·5	3·2	2·7	2·6	2·8	3·5	3·7
1904 { Corn.....	3·0	2·7	2·4	2·1	2·4	3·0	3·1
Highest rate, wheat, 1904, 3¾c.; lowest, 2½c.; average for the season, 3·2c.							
1905 { Wheat.....	4·0	3·4	3·3	3·3	3·6	4·3	5·0
1905 { Corn.....	3·6	3·0	3·0	3·0	3·2	4·1	4·8
Highest rate, wheat, 1905, 5c.; lowest, 3¾c.; average for the season, 3·9c.							
1906 { Wheat.....	4·0	4·0	4·0	4·0	4·1	4·6	5·0
1906 { Corn.....	3·6	3·6	3·6	3·6	3·7	4·3	4·6
Highest rate, wheat, 1906, 5c.; lowest, 4c.; average for the season, 4¼c.							

NOTE.—Canals free of tolls since 1882.

FREIGHT, TOLLS, ELEVATING AND STORAGE RATES COMPARED.

The following statement shows the receipts of grain and flax seed at Buffalo, the average canal freight on wheat, and the tolls on wheat to New York, and the elevating and storage rates at Buffalo for a series of years (as reported by Secretary, Merchants' Exchange, Buffalo) :—

Year.	Grain received.	Average Canal Freight on Wheat.	Tolls on Wheat.	Elevating, including Storage.
	Bush.	Cts.	Cts.	Cts.
1870	32,208,039	11·2	3·1	1½
1871.....	61,319,313	12·6	3·1	1½
1872.....	58,703,666	13·0	3·1	1½
1873.....	65,498,955	11·4	3·1	1½
1874.....	55,660,198	10·0	3·1	1½
1875.....	52,833,451	7·9	2·0	1
1876.....	44,207,121	6·6	2·0	1
1877.....	61,822,292	7·4	1·0	1
1878.....	78,828,443	6·0	1·0	1
1879.....	75,089,768	6·8	1·0	1
1880.....	105,133,009	6·5	1·0	1
1881.....	56,389,827	4·7	1·0	1½
1882.....	51,501,503	5·4	1·0	
1883.....	65,722,080	4·9	None.	
1884*	58,011,800	4·2	do	
1885*	52,671,090	3·8	do	
1886*	75,570,850	5·0	do	
1887*	87,073,570	4·6	do	
1888*	73,977,390	3·4	do	
1889*	92,290,550	4·8	do	
1890*	91,991,680	3·8	do	
1891*	135,315,510	3·5	do	
1892*	138,872,560	3·5	do	
1893*	140,796,410	4·6	do	
1894*	105,435,577	3·2	do	
1895*	121,225,497	2·2	do	
1896*	172,474,664	3·7	do	
1897*	204,964,103	2·8	do	
1898*	221,383,945	2·8	do	
1899*	153,393,184	3·0	do	
1900*	157,655,968	2·5	do	
1901.....	132,646,828	3·5	do	
1902.....	124,624,386	3·8	do	
1903.....	140,438,822	4·0	do	
1904.....	100,838,000	3·2	do	
1905.....	126,465,729	3·9	do	
1906.....	136,096,528	4·2	do	

NOTE.—Prior to 1870 tolls 6·21 cents per bushel, and the elevating charge 2 cents per bushel.
* Including flax seed.

SESSIONAL PAPER No. 20a

AVERAGE FREIGHT CHARGES PER BUSHEL.

For the transportation of Wheat and Corn from Chicago to New York for a series of years.

(From Report of Board of Trade, Chicago.)

Year.	CORN.			WHEAT.		
	By lake and canal.	By lake and rail.	By all rail.	By lake and canal.	By lake and rail.	By all rail.
	\$	\$	\$	\$	\$	\$
1858	·127	.....	·3619	·1550	.....	·3861
1859	·1570	.....	·3248	·1663	.....	·3480
1860	<i>a</i> ·0833	.....	·3248	<i>a</i> ·095	.....	·3480
1861	<i>a</i> ·1062	.....	·3881	<i>a</i> ·1210	.....	·4158
1862	<i>a</i> ·0957	.....	·4480	<i>a</i> ·1062	.....	·4800
1863	<i>a</i> ·063	.....	·4592	<i>a</i> ·072	.....	·4920
1864	<i>a</i> ·09	.....	·5600	<i>a</i> ·0952	.....	·60
1865	<i>a</i> ·0864	.....	·4188	<i>a</i> ·0894	.....	·4488
1866	<i>a</i> ·1075	.....	·4312	<i>a</i> ·1377	.....	·4620
1867	<i>a</i> ·0511	.....	·4176	<i>a</i> ·08	.....	·4475
1868	<i>a</i> ·0604	.....	·3532	<i>a</i> ·0802	.....	·3784
1869	<i>a</i> ·0584	·2355	·3320	<i>a</i> ·0651	·2520	·3557
1870	<i>a</i> ·16	·2220	·28	<i>a</i> ·0677	·2250	·30
1871	<i>a</i> ·0754	·2372	·2968	<i>a</i> ·0687	·2542	·3180
1872	<i>a</i> ·1072	·2660	·3266	<i>a</i> ·1110	·2950	·3499
1873	<i>a</i> ·0816	·2298	·2893	<i>a</i> ·0917	·2461	·3102
1874	<i>a</i> ·0382	·1388	·2450	<i>a</i> ·0400	·1709	·2625
1875	<i>a</i> ·034	·1303	·2240	<i>a</i> ·0378	·1389	·2400
1876	<i>b</i> ·0875	·1079	·1574	<i>b</i> ·0982	·1136	·1686
1877	<i>b</i> ·0959	·1406	·1890	<i>b</i> ·1109	·1546	·2050
1878	<i>b</i> ·0883	·1053	·1652	<i>b</i> ·0996	·1209	·1770
1879	<i>b</i> ·1049	·1220	·1456	<i>b</i> ·1187	·1313	·1774
1880	<i>b</i> ·1341	·1443	·1748	<i>b</i> ·1313	·1580	·1980
1881	<i>b</i> ·0777	·0942	·1340	<i>b</i> ·0867	·1049	·1440
1882	<i>b</i> ·0672	·1028	·1350	<i>b</i> ·0723	·1091	·1447
1883	<i>b</i> ·0803	·11	·1512	<i>b</i> ·0901	·1163	·1620
1884	<i>b</i> ·0655	·085	·1232	<i>b</i> ·07	·10	·1320
1885	<i>b</i> ·063	·0801	·1232	<i>b</i> ·0654	·0902	·1320
1886	<i>b</i> ·0845	·1120	·14	<i>b</i> ·0910	·12	·1500
1887	<i>b</i> ·0850	·1120	·1470	<i>b</i> ·0950	·12	·1575
1888	<i>b</i> ·0671	·1026	·1354	<i>b</i> ·0705	·1114	·1450
1889	<i>b</i> ·0332	·0819	·126	<i>b</i> ·0692	·0897	·1500
1890	<i>b</i> ·0593	·0732	·1136	<i>b</i> ·0676	·0852	·1430
1891	<i>b</i> ·0632	·0753	·1400	<i>b</i> ·0695	·0857	·1500
1892	<i>b</i> ·0595	·0721	·1296	<i>b</i> ·0645	·0759	·1380
1893	<i>b</i> ·0718	·0797	·1365	<i>b</i> ·0766	·0848	·1463
1894	<i>b</i> ·0493	·0650	·1232	<i>b</i> ·0511	·0700	·1320
1895	<i>b</i> ·0450	·0640	·1029	<i>b</i> ·0486	·0696	·1189
1896	<i>b</i> ·0575	·0615	·1050	<i>b</i> ·0619	·0661	·1200
1897	<i>b</i> ·0453	·0692	·1143	<i>b</i> ·0522	·0742	·1250
1898	‡ ·0381	·0441	·0980	‡ ·0445	·0491	·1200
1899	‡ ·0508	·0583	·1008	‡ ·0581	·0663	·1160
1900	‡ ·0407	·0472	·0919	‡ ·0449	·0510	·0996
1901	‡ ·0461	·0516	·0921	‡ ·0511	·0554	·0988
1902	‡ ·0483	·0551	·0994	‡ ·0526	·0589	·1062
1903	‡ ·0485	·0578	·1054	‡ ·0540	·0637	·1129
1904	‡ ·0363	·0482	·1038	‡ ·0473	·0550	·1112
1905	‡ ·0476	·0519	·0940	‡ ·0553	·0640	·0990
1906	‡ ·0551	·0572	·0952	‡ ·0603	·0635	·1020

a To Buffalo only. *b* Including Buffalo charges and tolls. ‡ Exclusive of Buffalo charges.

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FOREIGN FREIGHT RATES.

ANNUAL average Freight Rates on Grain, Flour and Provisions (per 100 lbs.) from Chicago to European Ports, by all Rail to Sea-board and thence by steamers.

Shipped to	Articles.	1906.	1905.	1904.	1903.	1902.
		\$	\$	\$	\$	\$
Liverpool	Grain	1875	1916	2019	2268	2085
"	Sacked flour	2050	2240	2100	2519	2350
"	Provisions	4100	3849	3656	4190	3625
Glasgow	Grain	1925	2000	2238	2443	2175
"	Sacked flour	2360	2250	2320	2538	2275
"	Provisions	4563	4323	4406	4688	4188
London	Grain	1925	2023	2150	2356	2175
"	Sacked flour	2250	2364	2225	2519	2400
"	Provisions	4626	4088	4406	4406	3906
Antwerp	"	4761	4370	4828	4969	4150
Hamburg	"	4900	4575	4600	4700	3900
Amsterdam	"	4600	4542	4200	4200	4000
Rotterdam	"	4600	4553	4200	4200	4000
Copenhagen	"	5100	4866	4688	4969	4200
Stockholm	"	5350	5147	4969	5250	4500
Stettin	"	5000	4818	4688	4969	4200
Bordeaux	"	5300	5145	5625	5625	5125

LAKE FREIGHTS ON COAL FROM BUFFALO TO CHICAGO AND OTHER PORTS.

The following statement shows the average freight rate on Coal per net ton, in cents from Buffalo to the ports named, during the seasons of 1905 and 1906.

(Buffalo Merchants' Exchange.)

	1905.	1906.
Freight on hard Coal, Buffalo to Chicago, per ton.....	46	46
" " Milwaukee	45	46
" " Duluth	39	35

SESSIONAL PAPER No. 20a

STATEMENT showing the Total Values of Foreign Merchandise transported in the In-Transit and Transshipment Trade of the United States with the British North American Possessions, during each year from 1871 to 1906.

Year ending June 30.	Received the transit and transshipment from British North American Possessions.			Shipped in transit to or transshipment for British North American Possessions.		
	By Land.	By Water.	Total.	By Land.	By Water.	Total.
	\$	\$	\$	\$	\$	\$
1871.....	6,035,585	1,918,475	7,954,060	15,624,591	2,781,884	18,406,475
1872	8,237,859	1,038,310	9,276,169	19,357,342	4,685,448	24,042,790
1873.....	11,700,787	1,693,906	13,394,693	20,178,666	6,605,518	26,784,184
1874.	12,695,590	1,468,100	14,163,690	20,572,299	6,938,430	27,510,739
1875	16,890,022	1,152,555	18,042,577	23,794,129	6,006,166	29,800,295
1876	21,301,262	1,290,640	22,591,902	19,369,958	5,049,930	24,419,888
1877.....	10,835,642	1,636,053	12,471,695	17,066,855	1,910,298	18,977,153
1878.....	10,314,534	1,889,524	12,204,058	11,914,321	998,364	12,912,685
1879	10,098,998	1,982,097	12,081,095	12,030,635	858,952	12,889,587
1880.....	15,265,177	1,869,570	17,134,747	16,388,673	653,430	17,042,003
1881.....	15,200,967	1,801,079	17,002,046	22,828,270	527,994	23,356,264
1882.....	24,665,029	3,878,149	28,543,178	36,613,465	982,019	37,595,484
1883.....	26,382,370	3,420,450	29,802,820	38,389,318	923,250	39,312,568
1884	13,043,498	375,729	13,419,227	22,120,587	818,798	22,939,385
1885.....	12,755,686	767,927	13,523,613	19,105,476	594,982	19,700,458
1886.....	9,593,344	1,267,676	10,861,020	19,428,867	812,212	20,241,079
1887.....	9,377,041	2,127,680	11,504,721	20,178,365	2,009,590	22,187,955
1888.....	6,309,024	2,033,793	8,342,817	13,347,876	2,063,780	15,411,656
1889.....	8,303,171	3,032,952	11,336,123	19,299,966	2,849,263	22,149,229
1890.....	13,524,298	2,477,612	16,001,910	24,788,152	2,547,052	27,335,201
1891.....	18,065,925	1,714,545	19,780,470	25,185,706	2,697,317	27,883,023
1892.....	21,346,413	2,581,842	23,928,255	23,989,746	2,714,368	26,704,114
1893.....	13,807,662	4,077,911	17,885,573	20,151,432	2,568,679	22,720,111
1894.....	13,501,664	3,840,429	17,342,093	17,974,332	2,207,884	20,182,216
1895.....	14,068,922	5,552,940	19,621,862	18,752,226	2,970,068	21,722,294
1896.....	13,408,578	6,735,027	20,143,605	18,335,373	3,453,043	21,788,416
1897.....	17,665,422	6,928,401	24,593,823	18,430,841	2,232,835	20,663,676
1898.....	27,277,049	12,059,935	39,336,984	22,792,971	3,457,667	26,250,638
1899.....	28,248,759	8,312,962	36,561,721	22,593,761	2,941,282	25,535,043
1900.....	33,346,150	10,781,749	44,127,899	27,996,981	3,481,290	31,478,271
1901.....	37,680,071	7,066,038	44,746,109	27,899,903	2,655,676	30,555,579
1902.....	46,761,353	14,948,545	61,709,898	30,518,576	7,090,090	37,608,666
1903.....	45,026,422	16,460,954	61,487,376	32,349,527	3,178,199	35,527,726
1904.....	38,565,646	10,378,169	48,943,815	32,388,050	1,792,925	34,180,975
1905	33,785,940	8,716,958	42,502,898	28,214,191	1,870,526	30,084,717
1906.....	38,467,449	20,671,216	59,138,665	30,237,692	1,370,028	31,607,720

NOTE.—This movement forms no part of the import and export trade.

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Total Values of Merchandise received from British North America for Immediate United States to British North America, and so shipped

YEAR ENDING JUNE 30.	COUNTRIES FROM WHICH RECEIVED.				
	British North America.				
	Nova Scotia New Brunswick, and Prince Edward Island.	Quebec, On- tario, Mani- toba and the North- west Terri- tories.	British Columbia.	Newfound land and Labrador.	Total.
	\$	\$	\$	\$	\$
1873.....	495,289	2,894,164	5,240	.....	13,394,693
1874.....	449,655	13,616,344	97,691	.....	14,163,690
1875.....	443,570	17,342,933	256,074	.....	18,042,577
1876.....	261,443	22,134,275	195,047	1,137	22,591,902
1877.....	160,658	12,092,619	218,418	.....	12,471,695
1878.....	163,978	11,627,114	412,966	.....	12,204,058
1879.....	194,129	11,606,832	280,079	55	12,081,095
1880.....	215,131	16,782,315	137,271	.....	17,134,717
1881.....	171,383	16,758,108	72,555	.....	17,002,046
1882.....	164,990	28,265,083	113,018	87	28,543,178
1883.....	561,791	29,204,031	36,973	25	29,802,820
1884.....	656,233	12,574,953	188,041	.....	13,419,227
1885.....	933,806	12,280,483	308,691	633	13,523,613
1886.....	1,165,973	9,303,864	359,104	32,079	10,861,020
1887.....	1,684,730	9,606,175	213,816	.....	11,504,721
1888.....	1,525,048	6,417,701	372,934	27,134	8,542,817
1889.....	2,596,233	8,355,178	294,859	89,853	11,336,123
1890.....	3,070,657	12,449,772	306,897	174,584	16,001,910
1891.....	3,859,079	15,310,945	422,806	187,640	19,780,470
1892.....	4,393,062	19,005,704	201,373	328,116	23,928,255
1893.....	1,009,597	16,404,425	89,565	381,986	17,885,573
1894.....	1,070,676	15,649,881	348,069	273,467	17,342,093
1895.....	1,199,782	17,774,108	411,557	236,415	19,621,862
1896.....	1,118,185	18,038,931	582,469	404,020	20,143,605
1897.....	1,118,055	22,497,151	611,322	367,295	24,593,823
1898.....	1,440,950	35,596,039	1,744,289	555,706	39,336,984
1899.....	1,618,399	30,673,265	3,708,928	561,129	36,561,721
1900.....	2,002,264	37,657,936	3,914,668	553,031	44,127,899
1901.....	1,788,641	38,382,558	4,070,940	503,970	44,746,109
1902.....	2,206,590	54,332,135	4,531,932	639,241	61,709,898
1903.....	2,191,174	55,023,403	3,490,180	782,619	61,487,376
1904.....	1,843,249	42,259,796	4,125,305	715,465	48,943,815
1905.....	1,465,066	37,094,646	3,154,327	788,859	42,502,898
1906.....	1,754,125	52,793,918	3,839,940	750,682	59,138,665

SESSIONAL PAPER No. 20a

Transit across United States Territory for Immediate Transshipment in Ports of the
during each Year from 1873 to 1906, inclusive,

COUNTRIES TO WHICH SHIPPED.					YEAR ENDING JUNE 30.
British North America.					
Nova Scotia, New Brunswick and Prince Edward Island.	Quebec, On- tario, Mani- toba and the North- west Terri- tories.	British Columbia.	Newfound- land and Labrador.	Total.	
\$	\$	\$	\$	\$	
5,282,290	21,320,174	181,720	.....	26,784,184	..... 1873
7,150,036	19,843,169	317,534	.....	27,310,739	..... 1874
8,999,596	20,283,639	517,060	.....	29,800,295	..... 1875
9,102,600	14,658,358	658,836	94	24,419,888	..... 1876
2,879,422	15,551,238	544,018	2,475	18,977,153	..... 1877
951,268	11,436,470	524,013	934	12,912,685	..... 1878
889,539	11,520,877	476,824	2,347	12,889,587	..... 1879
1,643,716	14,866,663	531,436	288	17,042,103	..... 1880
1,778,836	20,857,827	719,268	333	23,356,264	..... 1881
2,732,665	34,005,845	855,784	1,190	37,595,484	..... 1882
2,455,557	35,878,389	971,307	7,335	39,312,568	..... 1883
1,740,900	19,717,466	1,475,833	5,186	22,939,385	..... 1884
1,635,442	16,448,942	1,615,293	781	19,700,458	..... 1885
2,040,298	16,369,429	1,825,178	6,174	20,241,079	..... 1886
1,621,748	19,930,296	635,841	70	22,187,955	..... 1887
1,781,028	13,459,169	370,322	1,137	13,611,656	..... 1888
2,484,787	18,993,957	665,527	2,704	22,146,975	..... 1889
5,277,210	21,140,198	913,106	4,690	27,335,204	..... 1890
5,605,614	21,695,992	547,144	34,273	27,883,023	..... 1891
2,079,783	24,189,181	428,188	6,962	26,704,114	..... 1892
2,052,357	20,232,400	409,055	26,289	22,720,111	..... 1893
1,831,417	17,880,688	463,471	6,640	20,182,216	..... 1894
1,834,745	19,320,714	558,991	7,844	21,722,294	..... 1895
1,572,783	19,441,279	772,586	1,768	21,788,416	..... 1896
1,682,538	17,660,211	1,312,797	8,130	20,663,676	..... 1897
1,536,413	22,400,622	2,294,356	19,247	26,250,638	..... 1898
1,215,518	19,605,819	4,686,559	27,147	25,535,043	..... 1899
1,245,771	27,452,333	2,730,612	49,555	31,478,271	..... 1900
1,161,875	24,634,780	4,687,000	71,924	30,555,579	..... 1901
5,086,469	27,049,441	5,441,234	31,522	37,608,666	..... 1902
1,268,469	32,290,433	1,949,975	18,849	35,527,726	..... 1903
1,178,806	31,097,453	1,865,573	39,143	34,180,955	..... 1904
1,052,641	27,248,680	1,735,442	47,954	30,084,717	..... 1905
723,149	28,583,336	2,236,344	64,831	31,607,720	..... 1906

TOTAL Values of Merchandise received from the Principal and other Foreign Countries
in Ports of the United States to other Foreign Countries,

YEAR ENDING JUNE 30.	COUNTRIES FROM WHICH RECEIVED.					
	Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.
	\$	\$	\$	\$	\$	\$
1868	10,664,576	132,074	4,864,209	14,967	4,263,621	1,576,157
1869	10,891,698	150,382	5,852,678	60,715	2,373,474	1,767,037
1870	10,210,455	302,806	7,215,973	103,977	3,309,227	2,049,422
1871	13,473,915	322,110	7,954,060	344,179	1,367,573	1,913,200
1872	17,633,231	227,232	9,276,169	174,104	2,227,422	1,847,162
1873	19,144,815	250,704	13,394,693	286,607	5,737,904	1,284,462
1874	18,832,900	211,907	14,163,690	151,920	4,563,869	926,390
1875	18,657,276	325,648	18,042,577	115,527	1,759,308	1,785,947
1876	14,304,197	290,489	22,591,902	226,315	2,962,963	1,686,789
1877	13,732,085	337,897	12,471,695	158,852	1,095,451	1,460,793
1878	10,084,510	378,768	12,204,058	146,822	3,041,957	1,481,033
1879	8,795,340	521,917	12,081,095	222,320	1,954,042	1,521,153
1880	10,311,139	620,704	17,134,747	239,655	3,606,099	1,942,405
1881	14,898,052	721,344	17,002,046	217,444	2,642,550	2,222,122
1882	18,911,637	755,560	28,543,178	380,100	5,662,926	3,812,058
1883	20,242,222	1,149,195	29,802,820	281,309	3,126,069	4,276,712
1884	14,038,694	948,901	13,419,227	408,124	3,655,568	4,345,878
1885	11,064,186	1,140,548	13,523,613	308,293	4,853,354	3,545,544
1886	13,142,644	1,462,414	10,861,020	216,078	6,797,879	4,558,229
1887	17,977,200	1,670,952	11,504,721	111,635	6,780,853	4,720,760
1888	13,707,240	1,817,511	8,342,817	120,497	4,820,846	4,534,298
1889	19,080,647	2,582,456	11,336,123	296,654	9,054,736	5,052,610
1890	20,664,427	2,735,546	16,002,384	639,050	9,759,256	5,898,763
1891	20,879,851	2,819,238	19,780,470	565,338	6,977,901	6,475,119
1892	21,334,783	2,930,571	23,928,255	1,383,455	11,054,445	8,936,228
1893	20,387,339	3,466,885	17,885,573	1,652,200	10,131,171	14,426,669
1894	19,641,622	3,717,749	17,342,093	1,858,367	9,916,742	19,031,011
1895	18,531,083	4,122,899	19,621,862	2,515,091	10,420,277	10,465,981
1896	19,420,751	3,460,489	20,143,605	1,797,161	11,668,243	13,272,521
1897	17,513,324	3,183,390	24,593,823	1,903,924	9,589,820	13,275,822
1898	18,931,226	3,775,038	39,336,984	2,625,521	4,763,587	11,587,069
1899	16,594,043	4,069,828	36,561,721	3,519,942	8,372,450	10,910,462
1900	23,152,099	3,915,766	44,127,899	4,245,695	9,316,066	13,793,937
1901	21,771,394	4,681,613	44,746,109	4,659,259	15,680,902	14,821,842
1902	22,782,353	4,826,666	61,709,898	5,303,403	10,598,013	13,305,527
1903	22,583,099	5,564,526	61,487,376	6,681,984	10,190,906	15,478,227
1904	23,491,354	4,622,814	48,943,815	7,001,399	12,763,500	17,197,068
1905	20,581,822	5,218,572	42,502,898	5,545,098	11,391,223	18,525,147
1906	21,625,306	5,163,274	59,138,665	7,001,605	11,539,790	19,181,962

SESSIONAL PAPER No. 20a

for Immediate Transit across United States Territory or for Immediate Transshipment and so shipped, for each Year from 1868 to 1906, inclusive.

COUNTRIES TO WHICH SHIPPED.						Total Value of Merchandise received and shipped.	YEAR ENDING JUNE 30.
Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.		
\$	\$	\$	\$	\$	\$	\$	
2,025,023	3,212,123	14,375,419	481,643	116,521	1,304,875	21,516,604	... 1868
2,693,525	1,547,602	15,033,821	448,300	72,875	1,299,861	21,095,984	... 1869
2,946,053	2,116,249	16,689,037	321,331	135,915	983,275	23,191,860	... 1870
4,031,319	1 033,307	18,406,475	346,872	345,224	1,211,840	25,375,037	... 1871
2,743,494	2 263,819	24,042,790	358,151	179,570	1,797,496	31,385,320	... 1872
5,144 175	5,622,325	26,784,184	235,113	319,771	1,993,617	40,099,185	... 1873
5 391 201	3,866,642	27,310,739	665,214	520,493	1,096,387	38,850,676	... 1874
7,229,912	1,495,285	29,800,295	1,155,004	248,358	757,429	40,686,283	... 1875
11,791,200	2,958,558	24,419,888	1,129,440	600,061	1,163,508	42,062,655	... 1876
7,758,501	1,108,298	18,977,153	329,577	306,311	776,933	29,256,773	... 1877
9,577,050	2,905,230	12,912,685	316,664	319,611	1,305,908	27,337,148	... 1878
8,175,951	2,252,572	12,889,587	330,968	174,757	1,272,032	25,095,867	... 1879
10,856,579	3,658,477	17,042,103	300,148	224,848	1,775,594	33,857,749	... 1880
9,122,079	2,729,246	23,356,264	671,008	177,340	1,648,121	37,704,048	... 1881
11,592,806	5,336,361	37,595,484	800,025	319,257	2,421,526	58,065,459	... 1882
11,089,865	2,758,994	39,312,568	2,282,473	352,552	3,081,875	58,878,327	... 1883
5,288,389	2,960,488	22,939,385	2,748,434	221,061	2,656,635	36,814,392	... 1884
7,235,519	3,771,524	19,700,458	1,262,515	119,376	2,346,146	34,435,538	... 1885
8,510,097	3,803,566	20,241,079	1,279,399	452,700	2,751,423	37,038,264	... 1886
10,052,219	4,353,992	22,187,955	2,002,476	608,121	3,561,358	42,766,121	... 1887
6,853,195	2,551,043	15,611,656	3,766,180	563,539	3,997,596	33,343,209	... 1888
9,233,659	4,581,064	22,146,975	4,781,110	892,158	5,768,287	47,403,253	... 1889
10,656,465	5,097,434	27,335,678	4,944,149	1,215,399	6,450,301	55,699,426	... 1890
11,968,808	3,640,940	27,883,023	5,052,318	966,851	7,985,977	57,497,917	... 1891
20,141,862	6,995,419	26,704,114	4,953,911	1,472,980	9,299,451	69,567,737	... 1892
18,511,287	7,986,637	22,720,111	4,607,549	2,034,761	12,089,492	67,949,837	... 1893
18,394,865	11,154,933	20,182,216	4,543,455	2,586,919	16,645,187	71,507,575	... 1894
20,562,325	6,684,735	21,722,294	4,512,293	1,951,985	10,243,561	65,677,193	... 1895
20,022,263	7,942,844	21,788,416	5,210,607	1,890,705	12,907,932	69,762,770	... 1896
24,809,259	5,333,860	20,663,676	5,320,563	2,058,454	11,874,291	70,060,103	... 1897
33,276,696	3,807,811	26,250,638	5,543,843	1,728,780	10,411,607	81,019,375	... 1898
29,695,600	5,711,338	25,535,043	5,669,214	2,760,086	10,657,165	80,028,446	... 1899
37,383,450	6,488,502	31,478,271	6,965,660	3,484,521	12,751,058	98,551,462	... 1900
37,506,242	14,204,010	30,555,579	8,110,116	3,577,929	12,407,243	106,361,119	... 1901
50,307,083	6,701,903	37,608,666	8,083,313	3,128,575	14,696,320	118,525,860	... 1902
51,137,598	6,851,163	35,527,726	9,577,354	3,080,344	15,811,933	121,986,118	... 1903
39,310,136	8,623,603	34,180,975	10,878,351	3,882,760	17,144,125	114,019,950	... 1904
33,504,288	7,226,276	30,084,717	10,621,300	4,292,983	17,935,196	103,664,760	... 1905
47,746,664	8,702,643	31,607,720	12,908,799	4,826,616	17,858,160	123,650,602	... 1906

FOREIGN CARRYING TRADE.

VALUE of the Imports and Exports of the United States carried respectively in cars and other land vehicles, in American vessels and in foreign vessels during each Fiscal Year, from 1857 to 1906 inclusive, with the percentage carried in American vessels (coin and bullion are included from 1857 to 1879 inclusive), as method of transportation of specie and merchandise cannot be separately stated.

Year ending June 30.	IMPORTS.			EXPORTS.			IMPORTS AND EXPORTS.				Percentage carried in American vessels.
	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	Total.	
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1857		259,116,170	101,773,971		251,214,857	111,745,825		510,331,027	213,519,796	723,850,823	70.5
1858		203,700,016	78,913,134		243,491,288	81,153,133		447,191,304	160,066,267	607,257,571	73.7
1859		216,123,428	122,644,702		249,617,953	107,171,509		465,741,381	229,816,211	695,557,592	66.9
1860		228,164,855	134,001,399		279,082,902	121,039,394		507,247,757	255,040,793	762,288,550	66.5
1861		201,544,055	134,106,098		179,972,733	69,372,180		381,516,788	203,478,278	584,995,066	65.2
1862		92,274,100	113,497,629		125,421,318	104,517,667		217,695,418	218,015,296	435,710,714	50.0
1863		109,744,580	143,175,340		132,127,891	199,880,691		241,872,471	343,056,031	584,928,502	41.4
1864		81,212,077	248,350,818		102,849,409	237,442,730		184,061,486	485,793,548	669,855,034	27.5
1865		74,385,116	174,170,336		93,017,756	262,839,588		167,402,872	437,010,124	604,412,996	27.7
1866		112,040,395	333,471,763		213,671,466	351,754,928		325,711,861	685,226,691	1,010,938,552	32.2
1867		117,209,536	300,622,035		180,625,368	280,708,368		297,834,904	581,330,403	879,165,307	33.9
1868		122,965,225	248,659,583		175,106,348	301,886,491		297,981,573	550,546,074	848,527,647	35.1
1869		136,802,024	300,512,231		153,154,748	285,979,781		289,956,772	586,492,012	876,448,784	33.1
1870		153,237,077	309,140,510		199,732,324	329,786,978		352,969,401	638,927,488	991,896,889	35.6
1871	15,187,354	163,285,710	363,020,644	7,798,156	190,378,462	392,801,932	22,985,510	353,664,172	755,822,576	1,132,472,258	31.2
1872	17,635,681	177,286,302	445,416,783	10,015,089	168,044,799	393,929,579	27,650,770	345,341,101	839,346,362	1,212,328,233	28.5
1873	17,070,548	174,739,834	471,806,765	10,799,430	171,566,758	494,915,886	27,869,978	346,306,592	966,723,651	1,340,899,221	25.8
1874	14,513,335	176,027,778	405,320,135	8,509,205	174,424,216	533,885,971	23,022,540	350,451,994	939,206,106	1,312,680,640	26.7
1875	13,083,859	157,872,726	382,949,568	7,304,356	156,385,066	501,838,949	20,388,235	314,257,792	884,788,517	1,119,434,544	25.8
1876	12,148,667	143,389,704	321,139,500	6,324,487	167,686,467	492,215,487	18,473,154	311,076,171	813,354,987	1,142,904,312	27.2
1877	10,697,640	151,834,067	329,565,833	6,767,170	164,826,214	530,354,703	17,464,810	316,660,281	859,920,536	1,194,045,627	26.5
1878	12,965,999	146,499,282	307,407,565	7,511,365	166,551,624	569,583,564	20,477,364	313,050,906	876,991,129	1,210,519,399	25.9
1879	11,983,823	143,590,353	310,499,599	7,439,862	128,425,339	600,769,633	19,423,685	272,015,692	911,269,232	1,202,708,609	22.6
1880	15,142,465	149,317,368	503,494,913	5,838,928	109,029,209	720,770,521	20,981,393	258,346,577	1,224,265,434	1,503,593,404	17.18
1881	17,193,213	133,631,146	491,840,269	8,259,308	116,955,324	777,162,714	25,452,521	250,586,470	1,269,002,983	1,545,041,974	16.22
1882	22,854,946	130,266,826	571,517,802	12,118,371	96,962,919	641,460,967	34,973,317	227,229,745	1,212,978,769	1,475,181,831	15.40
1883	23,003,048	136,002,290	564,175,576	25,089,844	104,418,210	694,331,348	48,092,892	240,420,500	1,258,506,024	1,547,020,316	15.54
1884	20,140,294	135,046,207	512,511,192	26,573,774	98,652,828	615,287,007	46,714,068	233,699,035	1,127,798,199	1,408,211,302	16.60
1885	21,149,476	112,864,052	443,513,801	24,183,299	82,001,691	636,004,765	45,332,775	194,865,743	1,079,518,566	1,319,717,084	14.76
1886	24,555,683	118,942,817	491,937,636	19,144,667	78,406,680	581,973,477	43,700,350	197,349,503	1,073,911,113	1,314,960,966	15.01
1887	27,562,059	121,365,493	543,392,216	21,389,666	72,991,253	621,802,292	48,951,725	194,356,746	1,165,194,508	1,408,502,979	13.80

SESSIONAL PAPER No. 20a

1888.....	32,209,459	123,525,298	568,222,357	22,147,368	67,332,175	606,474,964	54,356,827	190,857,473	1,174,697,321	1,419,911,621	13.44
1889.....	38,227,861	120,782,910	586,120,881	28,436,517	83,022,198	630,942,660	66,664,378	203,805,108	1,217,063,541	1,487,533,027	13.70
1890.....	40,621,361	124,948,948	623,740,100	32,949,902	77,502,138	747,376,644	73,576,263	202,451,086	1,371,116,744	1,647,139,093	12.29
1891.....	40,932,755	127,471,678	676,511,763	31,923,439	78,968,047	773,589,324	72,856,194	206,439,725	1,450,101,087	1,729,397,006	11.94
1892.....	39,726,595	139,139,891	648,535,976	33,220,629	81,033,844	916,023,675	72,947,224	220,173,735	1,564,559,651	1,857,680,610	11.85
1893.....	44,121,094	127,095,434	695,184,394	43,862,947	70,670,073	733,132,174	87,984,041	197,765,507	1,428,316,568	1,714,066,116	12.2
1894.....	29,623,095	121,561,193	503,810,334	49,221,427	73,707,023	769,212,122	78,844,522	195,268,216	1,273,022,456	1,547,135,194	13.3
1895.....	33,201,988	108,229,615	590,538,362	49,902,754	62,277,581	695,357,830	83,104,742	170,507,196	1,285,896,192	1,589,508,130	11.7
1896.....	35,535,079	117,299,074	626,890,521	61,131,125	70,392,813	751,083,000	96,666,204	187,691,887	1,377,973,521	1,662,331,612	12.00
1897.....	35,812,620	109,133,454	619,784,338	65,082,305	79,441,823	905,969,428	100,894,925	189,075,277	1,525,753,766	1,815,723,968	11.00
1898.....	30,427,784	93,535,867	492,086,003	73,283,704	67,792,150	1,090,406,476	103,711,488	161,328,017	1,582,492,479	1,847,531,984	9.30
1899.....	33,424,821	82,050,118	581,673,550	83,870,907	78,562,088	1,064,590,307	117,295,728	160,612,206	1,646,263,857	1,924,171,791	8.9
1900.....	44,412,509	104,304,940	701,223,735	110,483,141	90,779,252	1,193,220,689	154,895,650	195,084,192	1,894,444,424	2,244,424,266	9.3
1901.....	47,100,814	93,055,493	683,015,858	111,900,931	84,343,122	1,291,520,938	159,001,745	177,398,615	1,974,536,796	2,310,937,156	8.2
1902.....	56,366,711	102,188,002	744,766,235	123,824,337	83,631,985	1,174,263,079	180,191,048	185,819,987	1,919,029,314	2,285,040,349	8.8
1903.....	66,208,195	123,666,832	835,844,210	138,851,301	91,028,200	1,190,262,178	205,059,496	214,695,032	2,026,106,388	2,445,860,916	9.1
1904.....	66,239,120	132,253,065	790,595,186	152,736,889	97,482,054	1,210,608,328	220,976,009	229,735,119	2,001,203,514	2,451,914,642	10.3
1905.....	78,725,270	160,649,571	878,138,230	154,234,890	126,891,607	1,210,618,144	232,960,160	287,541,178	2,088,756,374	2,609,257,712	11.09
1906.....	86,677,047	168,488,129	971,397,270	183,295,494	151,339,368	1,383,318,520	269,972,541	319,827,497	2,354,715,790	2,944,515,828	10.52

NOTE.—1. The amounts carried in cars and other land vehicles, were not separately stated prior to July 1, 1870. 2. Exports are stated in mixed gold and currency values from 1862 to 1879, inclusive.

7-8 EDWARD VII., A. 1908

C.—TABLE showing the Tonnage of the undermentioned Articles moved

Years.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Vegetable Food.*
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869.....	71,051	670,534	256,475	99,012	92,309	13,489	99,743
1870.....	54,978	658,524	193,129	123,191	117,941	19,520	127,727
1871.....	41,211	748,549	672,057	113,992	129,891	34,563	109,935
1872.....	20,534	403,903	902,753	120,061	92,959	13,357	120,753
1873.....	19,307	803,064	637,296	70,586	70,023	30,160	114,735
1874.... .	29,134	772,163	519,203	98,654	59,408	8,215	280,821
1875.....	17,635	744,293	282,031	104,475	62,717	8,309	86,090
1876.....	9,290	416,376	365,254	96,494	52,147	19,949	104,783
1877.....	8,923	448,043	723,458	139,453	66,045	35,948	77,114
1878.....	5,904	844,555	734,993	89,534	85,029	64,613	88,106
1879.....	7,164	949,466	621,180	96,144	23,164	59,210	77,071
1880.....	8,266	966,052	1,156,619	106,247	20,893	26,340	86,673
1881.....	6,926	444,832	475,823	81,587	30,321	15,484	61,588
1882.....	9,372	642,215	251,687	96,650	22,180	43,372	53,300
1883.....	9,047	573,740	522,978	58,787	51,607	95,246	67,595
1884.....	7,251	790,409	198,216	65,008	52,696	71,462	51,944
1885.....	6,869	565,922	359,982	64,587	8,234	10,211	47,505
1886.....	9,005	993,129	354,765	62,854	7,278	3,073	59,782
1887.....	4,089	936,840	446,617	75,458	35,365	6,717	47,678
1888.....	3,287	491,419	499,218	41,100	70,315	12,532	49,087
1889.....	4,429	484,141	592,550	66,110	63,674	36,329	49,663
1890.....	3,489	353,738	616,702	90,754	48,438	21,657	33,123
1891.....	3,126	756,101	142,141	71,903	16,362	68,771	33,951
1892.....	4,879	620,768	150,269	51,596	72,444	4,236	33,807
1893.....	2,367	1,093,927	252,283	49,651	24,714	6,518	20,656
1894.....	2,909	903,361	275,377	89,700	100,874	5,288	22,620
1895.....	2,240	280,550	94,403	77,868	87,839	205	59,400
1896.....	7,963	408,872	100,227	109,967	197,713	77,210	55,230
1897.....	3,206	180,035	312,776	100,337	50,345	66,387	31,489
1898.....	1,854	69,986	364,248	89,906	76,244	7,745	43,044
1899.....	1,247	282,422	92,670	78,627	93,733	5,931	22,856
1900.....	1,171	138,302	189,013	63,204	36,435	10,478	34,254
1901.....	747	214,854	87,392	55,502	88,521	10,326	99,757
1902.....	1,328	291,938	33,001	75,314	44,678	18,503	24,291
1903.....	1,075	143,832	191,351	71,837	62,326	12,027	30,153
1904.... .	1,297	101,260	68,381	88,626	82,824	2,631	16,584
1905.....	230	110,085	26,223	96,847	94,437	3,717	14,661
1906.....	300	190,663	134,413	120,497	104,726	3,992	17,489

* Apples, meal of all kinds, potatoes.

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on all Canals in the State of New York, during a series of thirty-eight years.

HEAVY GOODS.						
Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1,302,613	137,677	79,652	263,333	1,324,408	183,992	1,989,062
1,295,010	135,930	89,708	266,740	1,558,185	238,802	2,289,365
1,850,198	178,269	100,310	248,709	1,194,037	289,952	2,011,277
1,674,320	161,667	96,996	248,558	1,462,590	377,592	2,347,403
1,745,171	53,363	62,581	216,706	1,625,859	415,968	2,374,477
1,767,598	24,511	82,955	173,590	1,413,162	232,544	1,926,762
1,305,550	36,603	95,305	186,785	1,217,091	283,219	1,819,003
1,064,293	11,691	69,450	114,070	1,036,698	173,530	1,405,439
1,498,984	10,341	58,828	156,918	1,286,881	250,573	1,763,541
1,912,734	8,385	65,642	139,927	889,873	210,078	1,313,905
1,833,399	27,634	99,568	136,021	971,074	314,411	1,548,708
2,371,090	93,613	139,993	144,487	959,342	370,884	1,709,319
1,116,561	78,650	205,005	113,756	1,092,003	337,873	1,827,287
1,118,776	58,921	122,786	108,040	1,228,435	364,361	1,882,543
1,379,000	46,553	47,412	190,392	1,152,849	293,892	1,731,098
1,236,986	28,513	54,471	161,788	954,288	210,610	1,400,670
1,063,310	12,215	38,726	161,272	1,025,941	195,750	1,433,904
1,489,886	10,878	152,030	112,002	857,884	269,914	1,402,708
1,552,764	21,368	224,979	124,054	905,424	243,578	1,539,403
1,166,958	2,596	43,881	106,344	1,219,680	259,269	1,631,770
1,296,896	3,278	78,135	112,100	1,094,897	234,948	1,522,358
1,167,901	5,800	26,804	93,181	830,154	202,072	1,157,291
1,092,355	1,960	36,770	81,232	881,502	215,686	1,217,150
937,999	524	40,073	93,216	832,397	136,612	1,102,822
1,450,116	536	25,204	52,094	741,934	102,275	922,043
1,400,129	267	22,614	70,353	609,368	37,641	740,243
602,505	4,263	59,402	71,334	766,723	144,076	1,045,798
957,182	1,568	74,651	33,309	682,167	89,998	931,692
744,575	5,080	71,117	66,879	646,803	76,311	866,190
653,027	6,288	101,216	85,525	626,616	73,199	892,844
577,486	2,725	69,106	91,068	777,743	205,234	1,145,876
472,857	833	49,036	88,635	809,187	103,514	1,051,205
557,099	7 9	30,110	100,080	774,538	90,656	996,093
489,053	15	24,077	111,430	567,911	115,983	819,416
512,601	181	21,577	111,955	733,369	101,752	968,834
361,333	40	25,321	109,711	707,310	80,191	922,603
346,200	1,030	26,409	108,801	646,440	62,574	845,254
572,080	18,162	154,580	545,941	31,446	750,129

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D.—TABLE showing the total Tonnage of the undermentioned Articles moved Up and Down

Year.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. †
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	45,674	313,825	120,599	20,951	.....	904	1,937
1872.....	26,651	239,998	254,902	6,035	7,752	64	2,745
1873.....	30,665	355,847	180,169	8,225	1,194	3	3,777
1874.....	24,019	413,212	181,151	18,871	5,954	513	8,677
1875.....	13,964	253,835	103,749	35,751	3,383	917	6,337
1876.....	15,778	201,906	144,501	18,455	24,496	1,454	3,198
1877.....	13,558	253,953	169,196	19,870	2,810	2,439	2,355
1878.....	9,121	191,982	185,931	10,979	3,088	.....	2,302
1879.....	10,710	274,570	144,506	4,655	1,239	440	2,444
1880.....	12,679	242,020	163,738	17,772	477	1,016	1,480
1881.....	9,959	127,832	101,075	24,509	.....	1,844	2,086
1882.....	12,261	215,056	54,799	20,126	611	3,226	403
1883.....	13,471	152,794	182,269	10,436	731	1,642	10,983
1884.....	13,683	144,851	118,811	7,155	10,746	1,320	9,168
1885.....	13,334	124,206	117,536	15,801	1,116	.....	1,912
1886.....	19,474	154,169	219,442	1,595	4,911	564	14,657
1887.....	23,949	221,927	114,938	9,574	12,050	.....	12,533
1888.....	16,983	160,963	194,886	5,906	26,629	811	13,608
1889.....	7,931	126,664	353,595	4,272	28,356	2,673	18,552
1890.....	14,461	118,002	327,394	10,830	27,728	1,549	20,876
1891.....	13,517	198,658	185,180	8,113	52,959	65,888	28,042
1892.....	17,046	232,019	192,548	6,433	37,173	9,392	32,815
1893.....	15,235	258,392	441,092	18,599	31,283	3,671	36,981
1894.....	33,628	270,993	169,233	28,353	27,962	567	60,673
1895.....	44,044	203,088	164,894	8,689	18,236	1,007	46,463
1896.....	42,425	320,563	320,444	11,368	28,178	9,405	56,591
1897.....	9,065	324,743	390,615	14,173	25,161	8,483	44,674
1898.....	5,578	207,647	437,861	12,286	17,502	16,127	23,182
1899.....	11,625	197,732	204,004	2,907	24,037	923	18,460
1900.....	10,968	137,800	163,509	4,035	41,055	3,538	14,815
1901.....	18,978	151,586	67,756	7,119	28,485	2,961	14,024
1902.....	22,282	225,171	67,647	7,418	11,232	4,079	12,963
1903.....	25,998	259,031	210,758	14,656	7,911	4,904	13,994
1904.....	35,049	165,138	116,444	27,171	16,582	.....	13,184
1905.....	38,512	254,458	180,921	55,432	36,072	1,711	9,883
1906.....	18,294	326,798	211,805	31,446	49,306	1,784	10,739

* Fiscal. † Apples, meal all kinds, peas, potatoes.

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through the Welland Canal, during a period of thirty-six years, ended Dec. 31, 1906.

HEAVY GOODS.							
Total.	Railway Iron.	Other Iron.	Salt.	Iron and Salt having paid full tolls on St. Lawrence Canals.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
503,860	68,064	16,924	91,575	37,153	103,126	58,781	275,623
538,147	26,217	17,141	50,540	44,243	186,932	98,605	3,678
579,880	6,923	20,754	40,850	17,157	339,016	118,685	43,387
647,397	6,032	12,068	23,309	9,579	323,503	56,825	431,316
417,936	1,517	7,588	13,509	9,962	321,306	43,683	397,565
409,788	51	7,997	30,300	20,327	288,211	81,654	378,540
464,181	9,630	9,696	9,173	3,983	323,869	42,758	399,109
403,403	10	11,518	3,980	12,686	295,318	15,229	338,741
438,564	2,782	5,797	7,174	17,796	192,957	19,164	245,670
442,182	5,360	4,812	413	22,273	109,986	34,139	176,983
269,395	4,585	7,013	10	30,682	128,113	18,785	189,188
306,482	.....	5,348	50	17,327	237,559	23,700	283,984
373,326	1,237	7,922	66	17,037	307,058	31,785	365,105
305,734	698	652	461	3,242	274,471	53,205	332,729
273,905	78	2,055	597	14,243	248,272	26,728	291,973
414,812	166	6,123	48	12,324	271,356	27,447	317,464
394,971	1,351	5,636	.....	6,715	145,193	13,866	172,761
419,786	93	3,220	316	13,617	223,871	16,872	257,989
542,043	47	2,479	1,254	20,269	268,305	2,435	294,789
519,291	.....	753	1,027	28,047	202,384	8,138	240,349
367,177	127	1,610	2,567	7,953	224,644	3,415	240,316
527,426	163	1,567	878	3,666	211,616	355	218,245
805,253	6	2,075	374	8,139	233,096	.....	243,690
591,409	.....	3,072	159	977	203,608	.....	207,816
486,421	185	6,245	54	2,819	158,866	1,140	169,309
788,974	1,192	6,332	82	3,264	223,445	1,158	235,473
816,914	7,206	17,012	227	590	176,226	.....	201,261
720,183	1,444	11,722	799	734	162,336	13,433	190,468
459,688	567	6,361	1,282	1,318	97,732	26,125	133,385
375,720	.....	8,190	533	4,800	47,392	58,400	119,315
290,909	83	6,094	327	8,773	49,480	99,487	164,244
350,792	64	7,488	.....	15,201	64,014	22,480	109,247
537,252	488	5,407	2,554	45,846	147,884	18,323	220,502
373,568	11,381	9,957	1,093	4,164	113,525	39,683	179,803
576,989	2,651	10,912	226	4,221	172,642	22,381	213,033
650,172	3,747	8,493	100	16,204	147,587	5,862	181,993

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E.—TABLE showing the tonnages of the undermentioned Articles cleared at Buffalo and Tonawanda, for transit through the Erie Canal, for a series of thirty-eight years.
VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles *	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.	5,609	490,904	219,874	1,978	63,728	2,150	2,193	786,436	.....	.....
1870.	8,258	502,158	165,577	19,944	89,156	10,593	6,906	802,592	2 05	.....
1871.	5,607	570,849	579,709	19,810	106,391	27,622	5,705	1,315,693	67 59	.....
1872. ....	.....	330,032	866,169	41,515	73,572	5,900	88	1,317,276	67 50	.....
1873.	6	737,167	611,675	8,636	51,615	22,441	634	1,432,174	82 10	.....
1874. ....	.....	650,161	459,728	3,192	44,079	112	237	1,157,509	47 18	.....
1875.	5,859	695,315	273,006	1,156	36,609	2,242	3,372	1,017,559	29 38	.....
1876.	231	377,317	356,064	6,334	24,488	12,205	4,691	783,331	.....	0 39
1877.	1,710	398,416	709,723	26,351	52,559	27,365	4,976	1,223,100	55 52	.....
1878.	987	775,953	718,714	21,665	69,256	51,064	6,662	1,644,301	109 08	.....
1879.	1,239	892,404	602,171	7,193	14,537	40,471	7,528	1,565,543	99 07	.....
1880.	2,743	897,603	131,857	434	16,154	12,137	4,256	2,065,184	162 06	.....
1881.	1,491	386,605	458,318	86	24,751	107	7,434	878,842	11 75	.....
1882.	1,123	586,019	241,406	1,858	9,046	19,158	6,216	864,826	9 96	.....
1883.	538	535,150	517,219	6,816	47,190	79,010	6,051	1,191,974	51 06	.....
1884.	520	767,784	194,368	4,910	47,060	57,856	4,411	1,078,909	37 18	.....
1885.	323	540,533	356,737	3,317	5,610	6,405	5,427	918,352	14 36	.....
1886.	488	955,851	351,272	6,799	5,180	.....	4,001	1,353,591	72 11	.....
1887.	334	914,152	438,069	15,207	32,907	4,612	44,693	1,449,984	85 64	.....
1888.	534	469,965	494,110	6,589	68,922	10,997	1,717	1,052,834	33 87	.....
1889.	845	457,922	579,526	16,380	61,175	34,167	5,160	1,155,175	46 88	.....
1890.	195	329,531	498,641	58,563	45,202	16,903	4,362	953,397	21 23	.....
1891.	1,071	733,967	137,679	43,779	14,803	66,278	2,594	1,000,171	27 18	.....
1892.	2,485	611,177	141,506	37,570	70,363	3,997	3,472	870,570	10 69	.....
1893.	424	1,086,834	240,767	38,986	21,981	6,156	243	1,395,391	77 43	.....
1894.	327	887,908	265,947	69,707	99,898	5,191	2,123	1,331,101	69 26	.....
1895.	98	271,957	83,611	71,185	85,507	205	15	508,596	.....	35 32
1896.	6,971	402,114	89,726	101,154	194,442	77,162	5,575	877,144	11 53	.....
1897.	1,665	168,870	303,761	88,293	48,591	65,490	11,965	688,635	.....	12 44
1898. ....	.....	64,760	354,917	85,359	74,336	7,367	20,818	607,557	.....	22 74
1899. ....	.....	271,848	84,370	72,892	92,919	5,839	.....	527,868	.....	32 89
1900.	62	129,683	184,996	53,472	33,564	10,478	25,621	438,434	.....	44 11
1901.	3	211,317	86,240	45,624	87,357	10,326	32,862	473,729	.....	39 76
1902. ....	.....	289,207	30,293	50,500	43,162	18,503	5,278	436,943	.....	44 44
1903. ....	.....	140,508	183,856	47,857	61,060	12,027	510	445,818	.....	43 31
1904. ....	.....	47,318	57,277	31,507	78,430	1,413	.....	215,945	.....	72 54
1905. ....	.....	107,281	24,917	78,780	91,418	3,572	1,653	307,621	.....	60 88
1906.	189,038	125,172	76,071	104,337	3,992	175	498,785	35 31

* Apples meal all kinds, pease, potatoes.

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STATEMENT to Table E, showing the shipment at Oswego during the same period.
VEGETABLE FOOD.

Year.	Flour	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles *	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.....	7,361	141,360	28,585	66,794	1,113	8,569	14,033	267,815	..	.. ..
1870.....	11,440	115,732	10,120	77,906	3,953	7,402	11,628	238,181	...	1·06
1871.....	10,043	123,173	70,218	72,675	1,806	6,250	13,259	297,424	11·05	.....
1872.....	4,773	57,865	27,148	62,172	684	6,751	10,425	169,818	..	36·59
1873.....	4,061	53,361	10,578	46,337	670	6,019	10,739	131,765	.....	50·80
1874.....	.....	108,288	46,127	77,007	1,103	7,053	3,747	243,325	.....	9·14
1875.....	1,728	32,690	3,034	75,083	3,308	4,989	5,931	126,763	.....	52·67
1876.....	967	21,890	1,324	63,336	117	5,703	6,638	99,975	....	62·67
1877.....	855	28,955	3,308	80,306	316	6,603	6,556	126,899	.....	52·61
1878.....	1,394	24,171	1,383	50,381	.....	10,598	5,222	93,149	.....	65·21
1879.....	734	25,740	9,268	71,693	.....	16,623	3,110	127,168	.....	52·51
1880.....	951	17,466	15,656	82,743	.....	12,598	5,996	135,410	...	49·43
1881.....	758	25,352	8,064	62,793	206	14,444	4,027	115,638	.....	56·82
1882.....	813	20,274	4,401	70,862	416	22,265	7,773	126,804	.....	52·65
1883.....	432	22,634	535	32,557	.....	14,384	1,967	72,507	.....	73·00
1884.....	404	5,932	413	48,391	.....	12,173	2,819	70,132	.....	73·43
1885.....	519	6,484	22	45,264	.....	4,613	2,945	59,847	....	77·62
1886.....	737	9,579	154	42,261	.....	1,671	4,814	59,216	...	77·88
1887.....	790	675	2	44,580	..	716	1,370	48,133	.....	82·02
1888.....	584	2,206	168	6,237	.....	.....	2,196	11,191	....	95·82
1889.....	473	8,002	8,950	40,096	16	1,405	1,003	59,945	.....	77·61
1890.....	545	10,378	10,408	26,639	8	4,635	2,356	54,969	.....	79·47
1891.....	292	4,298	1,652	27,418	.....	2,130	3,620	39,410	....	85·28
1892.....	273	4,806	5,657	5,283	..	199	2,340	18,558	....	93·07
1893.....	119	2,036	3,968	8,476	.....	237	2,784	17,620	....	93·43
1894.....	8	10,293	10,514	17,160	.....	.....	2,609	40,584	.....	84·84
1895.....	66	3,073	7,352	1,900	1,816	.....	258	14,465	...	94·23
1896.....	.....	1,825	7,778	7,552	.....	.....	2,468	19,621	..	93·01
1897.....	.....	6,588	5,550	7,349	1,498	1,219	245	20,449	.....	92·37
1898.....	160	2,111	5,886	1,450	16	.....	784	10,407	...	96·12
1899.....	216	3,106	4,478	2,400	.....	.....	2,346	12,546	...	94·61
1900.....	214	485	1,404	2,400	.....	.....	463	4,906	.....	98·54
1901.....	245	526	.....	5,375	.....	.....	120	6,266	.....	97·67
1902.....	159	.....	.....	3,678	3	.....	632	4,472	.....	98·34
1903.....	.....	.....	.....	8,239	.....	.....	570	8,809	....	96·71
1904.....	.....	.....	.....	8,477	.....	474	.....	8,951	...	96·66
1905.....	438	3,821	436	4,695	...	98·25
1906.....	1,107	1,107	99·59

* Apples, meal all kinds, pease, potatoes.

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F.—TABLE showing the Total Way and Through Tonnage of the undermentioned Articles cleared downward on the Welland Canal during a series of thirty-six years, ended December 31, 1906.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. †	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*	44,110	310,090	119,541	3,920	.....	680	1,541	479,882
1872.....	26,648	231,056	254,534	693	7,594	64	2,300	524,889
1873.....	30,660	345,720	180,042	643	1,188	3	3,557	563,813
1874.....	24,017	406,157	181,128	377	5,953	.....	3,301	620,933
1875.....	13,930	248,555	103,477	813	3,383	500	4,304	374,962
1876.....	15,735	194,559	144,501	1,110	24,496	1,454	2,949	384,807
1877.....	13,588	248,894	169,185	10,216	2,810	2,405	1,833	448,931
1878.....	8,854	188,106	185,931	1,217	3,088	....	2,100	389,296
1879.....	10,588	271,545	114,276	803	1,196	.....	2,387	430,795
1880.....	12,467	240,601	162,891	....	477	....	1,418	417,853
1881.....	9,655	121,393	103,075	252	....	6	1,371	235,752
1882.....	12,205	205,876	54,797	537	.....	1,954	225	275,594
1883.....	13,256	146,741	182,143	975	731	518	10,971	355,335
1884.....	13,626	135,804	118,811	270	10,746	477	9,018	288,752
1885.....	13,322	114,090	117,536	618	1,116	.....	1,628	248,310
1886.....	19,418	146,151	218,897	.....	4,891	.....	14,581	403,928
1887.....	23,940	210,755	114,938	1,711	12,050	.....	12,149	375,543
1888.....	16,973	150,833	194,886	555	26,629	811	13,358	404,045
1889.....	7,922	120,498	353,595	197	28,356	1,918	18,273	530,759
1890.....	14,461	114,924	327,394	6,519	27,728	1,121	20,836	512,983
1891.....	13,517	196,326	185,177	8,113	52,959	65,071	27,895	549,058
1892.....	17,046	229,569	192,548	6,433	37,173	9,392	32,548	524,709
1893.....	15,232	257,203	441,092	18,461	31,283	3,671	36,981	803,923
1894.....	33,628	270,514	169,233	28,353	27,962	.....	60,587	590,277
1895.....	43,895	202,636	164,894	8,689	18,236	.....	46,435	484,785
1896.....	42,159	319,388	320,444	11,368	28,178	8,970	54,031	784,538
1897.....	9,025	322,993	390,615	14,173	25,127	8,483	44,651	815,067
1898.....	5,578	206,313	437,849	12,286	17,491	16,127	23,170	718,814
1899.....	11,625	197,732	204,004	2,424	23,541	923	18,440	458,689
1900.....	10,968	137,800	163,509	3,449	40,256	3,538	14,802	374,322
1901.....	18,937	151,325	67,756	7,119	28,281	2,961	14,021	290,400
1902.....	22,282	223,499	67,647	7,418	11,223	4,079	12,912	349,060
1903.....	25,997	257,370	210,758	14,656	7,911	4,904	13,982	535,578
1904.....	35,046	164,515	116,444	27,171	16,582	....	13,157	372,915
1905.....	33,512	247,599	180,921	55,432	36,072	1,711	9,882	570,129
1906.....	18,227	326,789	111,243	31,446	49,306	1,411	10,739	549,161

* Fiscal † Apples, meal all kinds, pease, potatoes.

G.—TABLE showing the Tonnage of the undermentioned Articles passed through the Welland Canal in transit between Ports in the United States during a series of thirty-six years, ended December 31, 1906.

YEARS.	VEGETABLE FOOD.							HEAVY GOODS.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	* Other articles.	Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869	30,681	211,085	91,149	2,942	.....	667	1,006	337,530	68,064	14,334	89,086	28,566	35,912	235,962
1872	10,482	124,695	89,761	1,391	7,400	.....	608	234,337	24,040	13,239	49,843	95,741	59,401	224,264
1873	10,805	127,727	101,329	1,920	1,188	3	392	243,366	4,659	13,826	40,507	170,242	62,942	292,176
1874	8,230	229,053	125,627	.....	5,948	.....	5,368	374,226	5,742	8,941	22,888	203,673	19,651	260,895
1875	1,881	113,832	54,188	2,641	2,946	500	1,920	177,908	14	4,123	12,931	192,767	34,616	244,451
1876	5,187	96,247	58,138	.....	1,905	525	403	162,405	.....	5,531	29,395	167,110	25,808	227,844
1877	3,342	107,396	65,260	1,603	2,314	258	413	180,586	8,976	8,688	8,336	172,868	41,107	239,975
1878	1,316	65,542	60,026	859	277	.....	341	128,361	.....	10,713	3,892	150,583	13,535	178,723
1879	159	53,791	33,401	.....	464	.....	11	87,826	2,405	3,618	6,318	118,573	17,797	148,741
1880	.....	30,611	16,122	1,551	296	.....	.....	48,580	4,743	3,515	371	65,945	18,380	92,954
1881	.....	34,320	30,031	924	.....	.....	10	65,285	1,313	5,570	.....	83,858	6,464	97,205
1882	107	30,227	32,433	537	.....	684	14	64,002	.....	4,076	.....	158,552	14,533	177,161
1883	2,041	54,382	66,128	735	731	.....	8,579	132,496	1,209	6,901	8	196,462	24,891	229,471
1884	1,715	40,956	53,707	.....	9,874	.....	8,170	114,422	698	599	.....	210,790	15,100	227,187
1885	124	53,235	63,229	732	882	.....	1	118,203	.....	1,594	.....	198,416	15,029	215,039
1886	7,591	53,258	94,048	.....	4,790	.....	13,201	172,888	156	5,328	1	189,964	11,364	206,813
1887	11,780	37,678	83,431	1,732	12,050	179	10,859	157,530	15	4,406	56	82,780	627	87,828
1888	8,563	39,999	102,974	2	26,510	.....	11,598	189,825	63	1,601	896	173,259	2,309	177,288
1889	5,017	39,229	147,045	.....	27,492	.....	17,225	236,208	.....	1,587	896	227,476	1,204	231,163
1890	9,204	31,527	180,842	6,519	27,030	.....	20,497	275,619	.....	504	208	162,231	1,620	164,563
1891	6,802	32,097	127,494	8,113	52,823	.....	26,115	253,444	.....	292	705	186,572	1,773	189,342
1892	11,018	26,950	131,222	6,433	36,935	.....	31,992	244,550	.....	576	2	183,895	.....	184,473
1893	6,588	28,187	198,777	16,751	23,870	864	36,352	311,389	.....	344	.....	206,827	.....	207,171
1894	17,795	53,846	105,329	28,095	27,621	.....	60,462	198,358	.....	297	.....	188,521	.....	188,818
1895	10,169	27,881	100,512	7,904	17,020	.....	46,316	209,802	181	246	.....	149,490	.....	149,917
1896	16,224	34,878	175,094	11,128	16,137	490	46,456	300,407	.....	146	.....	207,348	.....	207,494
1897	7,237	28,919	169,057	14,173	14,969	.....	41,887	276,242	965	15	.....	165,143	.....	166,123
1898	4,212	11,268	150,667	6,909	12,732	1,197	22,671	209,656	770	339	4	156,814	.....	157,927
1899	6,118	12,926	81,777	2,424	19,526	923	18,198	141,892	351	1,646	553	88,931	.....	91,481
1900	7,966	18,771	60,545	2,402	39,706	2,149	14,248	145,787	.....	953	.....	46,024	.....	46,977
1901	17,165	23,557	55,531	7,119	26,344	.....	14,016	143,732	83	80	105	46,702	.....	46,970
1902	13,785	32,639	66,111	7,418	10,006	.....	12,675	142,634	.....	214	.....	12,911	.....	13,125
1903	6,082	15,439	108,917	11,433	6,112	4,174	13,568	165,725	459	.....	.....	113,072	.....	113,535
1904	8,556	14,269	60,964	16,621	16,497	.....	13,079	129,986	.....	.....	.....	63,882	.....	63,882
1905	24,051	15,483	93,622	9,197	10,892	.....	9,682	162,930	.....	1	.....	73,464	.....	73,465
1906	15,215	13,410	135,240	9,266	11,323	.....	10,678	195,132	.....	169	.....	33,523	.....	33,692

* Apples, meal all kinds, pease, potatoes.

H.--TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals and the two principal railways, competing for the Carrying Trade between Lake Erie and Tidewater, for a series of thirty-six years, ended December 31, 1906.

Year.	Total on New York Canals.	Total on Welland Canal.	Total on New York Central and Erie Railways.	Quantity cleared at Buffalo and Tonawanda by Erie Canal.	Quantity cleared at Oswego by Canal.	Quantity cleared through the Welland Canal in transit between ports in the United States.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	1,302,613	503,860	1,087,809	786,436	267,815	337,530
1872.....	1,674,320	538,147	1,870,614	1,317,276	169,818	234,337
1873.....	1,745,171	579,880	2,036,992	1,432,174	131,765	243,366
1874.....	1,767,598	647,397	2,791,517	1,557,509	243,325	374,226
1875.....	1,305,550	417,936	2,343,241	1,017,559	126,763	177,908
1876.....	1,064,293	409,788	2,875,803	783,331	99,975	162,405
1877.....	1,498,984	464,181	2,493,683	1,223,100	126,899	180,586
1878.....	1,912,734	403,403	3,695,764	1,644,301	93,149	128,361
1879.....	1,833,399	438,564	4,353,617	1,565,543	127,168	87,826
1880.....	2,371,090	442,182	4,732,385	2,065,184	135,410	48,580
1881.....	1,116,561	269,395	4,983,722	878,842	115,638	65,285
1882.....	1,118,776	306,482	3,885,557	864,826	126,804	64,002
1883.....	1,379,000	372,236	4,422,461	1,191,974	72,507	132,496
1884.....	1,236,986	305,734	3,639,805	1,078,909	70,132	114,422
1885.....	1,063,310	273,905	4,105,594	918,352	59,847	118,203
1886.....	1,489,886	414,812	3,802,262	1,353,591	59,216	172,888
1887... ..	1,552,764	394,971	3,847,766	1,449,984	48,133	157,530
1888	1,166,958	419,786	3,197,734	1,052,834	11,191	189,825
1889.....	1,296,896	542,043	3,654,984	1,155,175	59,945	236,208
1890.....	1,167,901	519,291	4,336,199	953,357	54,969	275,619
1891.....	1,092,355	367,177	3,565,381	1,000,171	39,410	253,444
1892.....	937,999	527,426	5,913,013	870,570	18,558	244,550
1893	1,452,563	805,253	5,107,426	1,395,391	17,620	311,389
1894.....	1,400,129	591,409	4,281,056	1,331,101	40 584	293,148
1895.....	602,505	486,421	3,798,574	508,596	14,465	209,802
1896	957,182	788,974	5,183,540	877,144	19,623	300,407
1897.....	744,575	816,914	5,673,638	688,635	20,449	276,242
1898.....	653,927	720,183	7,060,542	607,557	10,407	209,656
1899.....	577,486	459,688	6,211,827	527,868	12,546	141,892
1900.....	472,857	375,720	6,053,005	438,434	4,906	145,787
1901.....	557,099	290,909	6,334,001	473,729	6,266	143,732
1902.....	489,053	350,792	6,532,263	436,943	4,472	142,634
1903.....	512,601	537,252	5,548,603	445,518	8,809	165,725
1904.....	361,333	373,568	4,632,082	215,945	8,951	129,986
1905.....	346,200	576,989	4,475,888	307,621	4,695	162,930
1906.. ..	572,080	650,172	5,350,042	498,785	1,107	195,133

* Fiscal.

SESSIONAL PAPER No. 20a

I.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne, during the Season of Navigation in 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905 and 1906.

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	209	108,776	151	73,895	205	223,743	101	41,327	666	447,741
1895.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat	72,895		68,935		29,345		33,723		201,898	
Corn.....	16,854		3,724		126,943		17,369		164,890	
Barley.....	798		162		7,729				8,689	
Oats.....	1,531		246		16,442				18,219	
Peas.....										
Rye.....										
Coal.....	2		3,984				4,426		8,412	
Miscellaneous merchandise ..	37,356		2,361		67,705		1,324		108,746	
Shingles, woodenware, &c....	20				863		1,079		1,962	
Sawed lumber.... Ft. B.M.	1,057,146		248,071		9,385,890		14,929,734		25,620,841	
Square timber..... Cub. ft.	1,027,913		2,049,368				35,000		3,112,281	
Staves..... No.										
Firewood..... Cords.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	224	122,521	181	82,543	343	337,983	163	96,506	911	639,553
1896.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	113,331		90,979		78,741		34,476		317,527	
Corn.....	9,360		3,855		218,315		88,914		320,440	
Barley.....	240				11,128				11,368	
Oats.....	441		1,270		24,847		1,620		28,178	
Peas.....	1,403		1,354				273		3,030	
Rye.....	5,035		644		2,837		454		8,970	
Coal.....	7		11,106		1,255		629		11,997	
Miscellaneous merchandise ..	29,820		1,452		82,319		4,374		117,965	
Shingles, woodenware, &c....	134				22				156	
Sawed lumber.... Ft. B.M.	2,123,213				18,259,810		27,796,146		48,179,169	
Square timber..... Cub. ft.	942,923		1,649,145				246,024		2,838,092	
Staves..... No.										
Firewood..... Cords							55		55	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	225	131,907	163	76,760	388	382,231	144	86,675	920	677,573
1897.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	121,762		55,724		106,064		37,891		321,441	
Corn.....	33,694		15,244		274,855		66,822		390,615	
Barley.....					14,173				14,173	
Oats.....	223				23,515		1,168		24,906	
Peas.....	1,851								1,851	
Rye.....	2,047		919		5,517				8,483	
Coal.....	3,873		3,947		368		1,615		9,803	
Miscellaneous merchandise ..	15,739		3,290		70,968		4,174		94,071	
Shingles, woodenware, &c....	1,268		5		404				1,677	
Sawed lumber.... Ft. B.M.	1,573,447				20,284,446		20,673,202		42,531,095	
Square timber..... Cub. ft.	1,327,823		2,217,629				616,093		4,161,545	
Staves..... No.	2,577,160								2,577,160	
Firewood..... Cords	4								4	

7-8 EDWARD VII., A. 1908

I.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Ganai in Canadian and United States Vessels, &c.—*Continued.*

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	126,398	104	59,532	354	355,702	195	108,720	869	650,352
1898.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.	95,567		36,157		54,934		18,355		205,013	
Corn.	56,538		30,455		284,059		66,761		437,813	
Barley.					9,465		2,821		12,286	
Oats.					17,329				17,329	
Peas.	260				45				305	
Rye.	3,564		1,480		9,135		1,948		16,127	
Coal.	575		1,916		759		2,620		5,870	
Miscellaneous merchandise .	19,385		4,104		47,271		8,758		79,518	
Shingles, woodenware, &c. . .	2		9						11	
Sawed lumber.Ft. B.M.	4,910,669		1,641,783		16,220,972		24,484,283		47,257,707	
Square timber.Cub. ft.	825,545		1,183,821				388,410		2,397,776	
Firewood.Cord.										
Staves.No.	249								249	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	191	100,242	129	75,777	201	212,027	78	36,962	599	425,008
1899.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat	91,901		80,928		16,250		7,244		196,323	
Corn.	28,015		18,905		138,834		18,250		204,004	
Barley.					2,424				2,424	
Oats	1,557				21,646				23,203	
Peas.										
Rye.					923				923	
Coal.	435		6,736				3,398		10,569	
Miscellaneous merchandise .	25,203		18,651		49,522		1,567		94,943	
Shingles, woodenware, &c. . .	485		916				100		1,501	
Sawed lumber.Ft. B.M.	2,077,748		772,739		14,855,338		19,949,079		37,654,904	
Square timber.Cub. ft.	322,138		585,780		20,802		328,806		1,257,526	
Firewood.Cords.			9						9	
Staves.No.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	114,885	109	67,475	168	182,444	71	30,309	564	395,113
1900.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.	67,694		43,157		23,066		2,130		136,047	
Corn.	39,597		31,248		78,701		13,963		163,509	
Barley.					2,402		1,047		3,449	
Oats.					39,706		407		40,113	
Peas.	115				4				119	
Rye.	1,389				2,149				3,538	
Coal.	723		637		433		559		2,352	
Miscellaneous merchandise .	53,649		31,536		43,344		3,564		132,093	
Shingles, woodenware, &c. . .	1,078								1,078	
Sawed lumber.Ft. F.M.	6,847,279		5,344,258		14,984,483		18,770,405		45,946,425	
Square timber.Cub. ft.	439,827		355,951		11,583		198,420		1,005,781	
Firewood.Cords.	126		255						381	
Staves.No.	1,000								1,000	

SESSIONAL PAPER No. 20a

I.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Canal in Canadian and United States Vessels, &c.—*Continued.*

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	197	103,802	114	59,022	163	182,497	48	22,319	522	367,640
1901.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	57,641		58,973		31,955		1,241		149,810	
Corn.....	7,350		4,689		55,717				67,756	
Barley.....					7,119				7,119	
Oats.....	944				27,197				28,141	
Peas.....										
Rye.....	2,961								2,961	
Coal.....	1,960		362		357				2,679	
Miscellaneous merchandise ..	71,300		32,312		12,874		7,469		123,955	
Shingles, woodenware, &c...	18								18	
Sawed lumber.....Ft. B.M.	6,533,423		4,060,251		11,089,806		13,092,940		34,776,420	
Square timber.....Cub. ft.	362,441		204,682		9,384		149,531		726,038	
Firewood.....Cords.	165		264						429	
Staves.....No.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	196	90,791	122	73,958	131	201,339	52	22,097	561	388,185
1902.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	82,954		85,973		52,889				221,816	
Corn.....	148		1,388		66,111				67,647	
Barley.....					7,418				7,418	
Oats.....	1,200		43		9,963				11,206	
Peas.....										
Rye.....	3,808				271				4,079	
Coal.....	3,977		25,732		13,497		8,332		51,538	
Merchandise.....	33,111		8,723		38,351		1,594		81,779	
Shingles, woodenware, &c...	47		28		4				79	
Sawed lumber.....Ft. B.M.	13,218,960		3,256,187		25,437,287		19,540,426		61,452,860	
Square timber.....Cub. ft.	370,718		557,689				115,000		1,043,407	
Firewood.....Cords.	56		40						96	
Staves.....No.			14,000						14,000	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	239	151,850	76	45,918	243	252,094	69	27,854	627	477,716
1903.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	149,378		38,473		60,514		6,305		254,670	
Corn.....	21,356		4,682		174,588		10,132		210,758	
Barley.....	2,580		667		11,409				14,656	
Oats.....	306		1,335		6,112				7,753	
Peas.....	63				22				85	
Rye.....					4,904				4,904	
Coal.....	389		12,991		8,133		8,496		30,009	
Merchandise.....	39,563		3,367		41,584		2,000		86,514	
Shingles, woodenware, &c...			54						54	
Sawed lumber.....Ft. B.M.	12,841,552		1,625,855		17,871,652		14,733,677		47,072,736	
Square timber.....Cub. ft.	572,000		660,000				84,200		1,316,200	
Firewood.....Cords			210		9				219	
Staves.....No.			641,000						641,000	

7-8 EDWARD VII., A. 1908

I.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Canal in Canadian and United States Vessels, &c.—*Concluded.*

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	228	157,539	55	39,375	205	187,748	42	15,918	530	400,580
1904.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.	116,794		33,302		14,269		.....		164,365	
Corn....	12,768		7,814		95,862		.....		116,444	
Barley.....	2,619		824		23,728		.....		27,171	
Oats.....	.....		.....		16,261		.....		16,261	
Peas.....	.....		.....		3		.....		3	
Rye.....	.....		.....		.....		.....		.....
Coal.....	1,925		7,187		17,133		7,668		33,913	
Iron ore.....	31,907		.....		1,925		.....		36,832	
Merchandise.....	29,567		.....		60,548		.....		90,115	
Shingles, woodenware, &c....	.....		.....		.....		.....		.....
Sawed lumber.....Ft. B.M.	15,077,382		854,811		32,751,541		9,572,655		58,259,389	
Square timber.....Cub. ft.	944,508		744,000		.....		149,000		1,837,508	
Firewood.....Cords.	.....		.....		717		.....		717	
Staves.....No.	634,000		.....		.....		.....		634,000	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	252	182,373	91	48,692	319	286,656	64	29,120	726	546,841
1905.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	188,706		18,575		28,757		2,512		238,550	
Corn.....	6,385		6,636		163,374		4,526		180,921	
Barley.....	6,870		1,451		47,111		.....		55,432	
Oats.....	8,225		2,570		21,535		3,742		36,072	
Peas.....	.....		.....		76		.....		76	
Rye.....	.....		.....		1,711		.....		1,711	
Coal.....	18,756		35,324		28,330		8,678		91,088	
Iron ore.....	14,358		8,023		.....		.....		22,381	
Merchandise.....	29,375		7,485		74,975		3,126		114,961	
Shingles, woodenware, &c....	.....		2,748,941		2,325		.....		2,325	
Sawed lumber.....Ft. B.M.	2,867,147		.....		38,290,831		12,479,698		54,589,200	
Square timber.....Cub. ft.	355,000		951,524		.....		.....		538,000	
Firewood.....Cords.	.....		183,000		900		.....		900	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	328	238,690	121	66,355	305	310,622	43	15,758	797	631,425
1906.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	250,493		34,355		35,578		.....		320,436	
Corn.....	8,177		.....		202,250		1,378		49,306	
Barley.....	8,516		5,046		17,851		.....		31,446	
Oats.....	21,900		16,083		11,323		.....		49,306	
Peas.....	.....		.....		11		.....		11	
Rye.....	.....		5		1,406		.....		1,411	
Coal.....	30,455		47,242		24,190		9,356		111,243	
Iron ore.....	5,862		.....		.....		.....		5,862	
Merchandise.....	35,383		7,009		110,263		50		152,705	
Shingles, woodenware, &c....	16		37		851		.....		904	
Sawed lumber.....Ft. B.M.	3,471,514		235,624		25,711,196		10,769,755		40,188,089	
Square timber.....Cub. ft.	375,000		200,000		.....		.....		575,000	
Firewood.....Cords.	110		18		1,093		.....		1,221	
Staves.....No.	.....		.....		300,000		.....		300,000	

SESSIONAL PAPER No. 20a

WELLAND CANAL THROUGH FREIGHT—RECAPITULATION.

WELLAND CANAL—WEST BOUND FREIGHT.

THE total Quantity of Through Freight passed UP the Welland Canal in Canadian and United States Vessels during the Season of Navigation in 1906, is as follows :—

Summary.	Tons.	Tons.
In Canadian steam vessels.....	98,893	
" sail ".....	20,211	
Total quantity in Canadian vessels.....		119,104
In United States steam vessels.....	101,144	
" sail ".....	1,742	
Total in United States vessels.....		102,886
Grand total freight passed UP the Welland Canal in Canadian and United States vessels.....		221,990

7-8 EDWARD VII., A. 1908

STATEMENT of the Quantity of Through Freight passed Up and Down the Welland Canal during the Season of Navigation in 1906.

Summary.	Tons.	Tons.
In Canadian steam vessels up.	98,893	
" " down.	374,450	
Total in Canadian steam vessels.. . . .		473,343
In Canadian sail vessels up.	20,211	
" " down.	114,224	
Total in Canadian sail vessels.. . . .		134,435
Total quantity in Canadian vessels.		607,778
In United States steam vessels up.	101,144	
" " down.	451,373	
Total in United States steam vessels.		552,517
In United States sail vessels up	1,742	
" " down.	28,743	
Total in United States sail vessels.		30,485
Total quantity in United States vessels.		583,002
Total in Canadian and United States vessels.		1,190,780
	Down or East Bound.	Up or West Bound
In Canadian vessels.	483,674	119,104
In United States vessels.	480,116	102,886
Total.	968,790	221,990

Archives.....	...	19	54	34	100	60	100	100
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CANADIAN STEAM VESSELS

[illegible]

BRITISH STEAM VESSELS

[illegible]

UNITED STATES STEAM VESSELS

RECAPITULATION

186. _____ during the season of 1966 who had not enter the Welland Canal

Year	Median start of R medians for Wetland (1st of year)	75th percentile start of R medians for Wetland (1st of year)
May 1971	1971/11	1971/11
June 1971	1971/11	1971/11
July 1971	1971/11	1971/11
Aug 1971	1971/11	1971/11
Sept 1971	1971/11	1971/11
Total	1971/11	1971/11

Total

RICHARD DAVIES,
Comptroller of Internal Security.

SESSIONAL PAPER No. 20a

K. STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence canals, to Montreal, during the seasons of navigation in 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905 and 1906

Articles.	1894.		1895.		1896.		1897.		1898.		1899.		1900.		1901.		1902.		1903.		1904.		1905.		1906.		
	Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		Tons.		
<i>Class 3.</i>																											
Cement and water line						12															35						
Clay, lime and sand							38		52		15		15										22				
Iron, railway	195					5											50				8,170		10				
" pig				79									508														
" all other	1		1,766		2,020		7,561		6,217		5,063		4,292		1,178		5,785		2,542		1,651		384		269		
Steel			394		542		375		1,351		3,000		5,420								16		48				
Stone, for cutting					200																						
Apples	50		28		1,263				3,960		596		1,288						2,206		9,697		43,607		21,196		
Barley	258		959		240				310,498		150,999		109,359		14,319		1,719		123,864		55,021		84,204		55,559		
Corn	60,661		70,235		182,330				5,687						4,965				3,643		212		15,694		80,570		
Flaxseed															1,400		6,755		16,151		24,662		14,571		9,174		
Flour	16,503		30,916		11,964		1,029		653		4,229		1,595		35				348		57		270		60		
Meal, all kinds	4		65																								
Oats	175		1,654		12,373		6,847		3,975		10,250		8,925		1,584		1,442		2,438				21,404		37,164		
Oil cake															1,083				462		7,846		9,229				
Pease					3,020		2,078		260				115						63								
Rye					8,323		8,435		15,488		923		3,078		2,961		4,079		4,260				1,711		1,405		
Salt							216		141		183				50				132		615		168		75		
Seeds, all kinds					20						200																
Hay, pressed											96				246												
Tobacco, raw															23												
Wheat	212,557		158,643		255,198		278,498		184,154		169,978		121,896		132,702		200,975		226,746		133,528		190,565		289,611		
All other agricultural products,																											
Vegetables	29				29				56		32																
Hides, skins, horns and hoofs																											
Horses	1		1		1		1		4		1																
Lard and lard oil															1,155								2,847		4,810		
Meats, all kinds															114												
Pork															34												
Tallow	717				1														3				53				
All other agricultural products,																											
animal																					1						
Total, class 3	201,151		264,740		477,541		576,008		532,499		345,565		256,491		161,849		220,805		382,858		241,522		384,727		499,895		
<i>Class 4.</i>																											
Agricultural implements																											
Ashes	19		34		94		133		73		3		25		1,785		13		58		17						
											55				3				2		16						

7-8 EDWARD VII., A. 1908

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, &c.—*Concluded.*

Articles.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Crockery			5									93	
Furniture.	2			1			1				6		6
Glass, all kinds			9	53	75	16	6	1		15	3	21	11
Molasses		100	167	9	56	159			54	240		820	
Nails						1				19		64	
Oil		6	23	112	1,141	7,143	15,647	14,987	12,091	14,619	12,848	20,700	19,995
Paint		2						17		5			
Pitch and tar												53	
Rags			4							4			
Rosin										20			
Soda ash								4				59	72
Sugar			1					112				2,019	
Stone, wrought													
Tin											87	53	
Tobacco						96						204	
White lead							16						
Whisky, beer and other spirits.		101		46	4	74	11	32		2	766	635	614
Merchandise not enumerated.	330	558	376	1,226	866	518	92	2,420	419	582	713	851	466
Total, class 4	351	801	679	1,580	2,215	7,969	15,798	19,366	12,577	15,569	14,456	25,572	21,164
<i>Class 5.</i>													
Barrels, empty		1				1	182	66	15				
Hoops				257									
Sawed lumber	683	1,117	657	478	3,065	924	15,760	2,635	1,085			3,957	100
Staves, pipe and barrel				4,716							394		2,400
" West India and pipe.													
Timber, square, in vessels											1,544	1,260	1,500
" in rafts	6		1,200	1,207	329	26			17				
Woodenware													
Total, class 5	689	1,118	1,857	6,658	3,394	951	15,942	3,205	1,117		1,938	5,217	4,000
<i>Special Class.</i>													
Coal												29,351	29,172
Iron ore									15,976		17,362	3,837	
Total, special class												33,188	29,172
Grand total	292,191	266,659	480,077	584,246	538,108	354,485	28,231	184,420	250,475	398,427	275,278	448,704	554,231

SESSIONAL PAPER No. 20a

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canal to Lake Erie, during the Seasons of Navigation in 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905 and 1906.

Articles.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks	1	24	15	70	70	24	49	196	22	80	115	132	
Brimstone								5	20	23	12		
Cement and water lime	2,281	1,859	1,686	837	996	997	1,931	2,916	178	3,924	39	181	88
Clay, lime and sand	253			4	144	8	4	2	1	181			
Cotton, raw										23			
Fish.. ..	512		11	10	9	10	8	8		8	4		
Gypsum						4							
Iron, railway	20		1,687				74	748	11,735	39,641	283	126	7,259
" pig		56	28	6			3		558	273		312	680
" all other	114	1,831	727	559	699	1,318	1,428	4,950	2,904	5,845	3,782	3,633	8,235
Salt	843	932	822	25	35		48	75	4	87	99	150	17
Steel	248	528			19	18		3	11	332	58	192	111
Stone for cutting			4	62							41		
Flour								16				18	
Hay	15	124									25		
Meals													
Oats										17			
Potatoes													
Seeds, all kinds	33	25	99	121	56	121	218	302	58	325	164	35	17
Tobacco, raw									1	2			
Agricultural products not enumerated, vegetables	5	26		4				1	1			127	
Hides and skins		26							16	6			
Horses			1		1								
Lard and lard oil		1			2				11			28	20
Meats other than pork										1	25		
Pork							1						
Wool													
All other articles not enumerated	10												
Total, class 3	4,335	5,432	5,080	1,698	2,031	2,500	3,764	9,222	15,520	50,768	4,647	4,934	16,457
<i>Class 4.</i>													
Agricultural implements													5
Ashes, pot and pearl				1						2			
Crockery and earthenware	107	12	83	4	33	3	5			32	291	155	294
Dye woods, &c.											2		

L. STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canal to Lake Erie, &c.—*Continued.*

Articles.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Fm.</i>													
Furniture.....				2			1			1	5	2	1
Glass, all kinds.....	175	394	612	799	150	299	456	612	1,384	1,207	1,671	1,641	2,519
Manilla.....	11										34	93	37
Marble.....													35
Molasses.....	42	20	1					1		6		1	
Nails.....	500	1,149	409	129	229	518	30	675	1,292	2,878	2,009	3,061	4,011
Oil, in barrels.....	8	31	33	12	15	21	74	83	14	16	1,418	120	148
Paint.....	8	75	49	20	35	2	12	69	97	158	202	367	412
Pitch and tar.....	152	67	60	20	37	6	21	27	27	58	199	5	239
Rags.....						14			1	29		15	
Resin.....						15				1			
Soda ash.....	94	84	74	249		108	69	169	201	264	387	28	310
Stone, wrought.....			17	25	31								
Sugar.....	2,724	1,430	1,873	311	566	1,596	430	810	1,314	204	52	1,168	1,153
Tin.....	327	396	395	359	237	159	117	338	506	209	362	928	1,365
Turpentine.....								1	2	1			
White lead.....	2	7	10	5		1	4	11	37	80	82	80	304
Whiting.....	1	113	56	104	93	89	39	49	61	22	33	158	93
Whisky, beer, &c.....	53	77	51	93	98	178	295	131	182	452	432	384	483
Merchandise not enumerated.....	900	1,268	1,247	711	793	482	744	1,516	1,049	3,674	6,200	15,360	11,707
Total, class 4.....	5,104	5,123	4,970	2,844	2,405	3,491	2,447	4,492	6,169	9,294	13,379	23,566	23,116
<i>Class 5.</i>													
Barrels, empty.....													54,906
Firewood in vessels.....									3,600	40,026	40,425	43,982	2,307
Lumber, sawn, in vessels.....													
Railway ties in vessels.....										611			
Woodenware.....													5
Total, class 5.....									3,600	40,637	40,425	43,982	57,218
<i>Special Class.</i>													
Coal.....											10,200		
Iron ore.....											2,861		
Total, special class.....											13,061		
Grand total.....	9,439	10,555	10,050	4,542	4,436	5,991	6,211	13,714	25,289	100,699	71,512	72,482	96,791

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Season of Navigation from 1894 to 1906 inclusive.

Articles.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Class 3.													
Bricks.....				845									
Cement and water line.....					300		18						
Fish.....	5												
Iron, railway.....		181		965									
" all other.....		214			324	1,008	714	105	30			1	27
Salt.....						549							2
Steel.....			498		2,951	13,522	3,110						
Stone for cutting.....													
Apples.....													
Barley.....	28,095	7,904	11,128	14,173	6,909	2,421	2,402	7,119	7,418	11,433	16,621	9,197	9,266
Corn.....	105,329	100,512	175,094	169,057	150,667	81,777	60,545	55,531	66,111	108,917	60,964	93,622	135,240
Flour.....	17,795	10,169	16,224	7,237	4,212	6,118	7,966	17,168	13,785	6,082	8,556	24,054	15,215
Hay, pressed.....				301								200	
Meal, all kinds.....	60,390	46,316	46,456	41,644	22,626	18,198	14,244	14,016	12,675	13,546	13,076	9,606	10,668
Marble.....												87	
Nails.....												1	
Oil cake.....	29						2,705	1,302	110	740	16,497	228	
Oats.....	27,621	16,442	16,137	14,969	12,729	19,526	39,706	26,344	10,006	6,112	3	10,892	11,323
Pease.....					45		4			22		76	11
Potatoes.....													
Rye.....			490		1,197	923	2,149			4,174			
Flaxseed.....						200				1,594			756
Seeds, all kinds.....		14	78	299	44	11			10	27		43	3
Tobacco.....													
Wheat.....	53,846	27,881	34,878	28,919	11,268	12,926	18,771	23,557	32,639	15,436	14,269	15,483	13,410
Agricultural products, vegetables.....							6	10		1			1
Hides and skins, &c.....		8	41	23									
Horses.....	4		3	3	2		4			2			
Lard and lard oil, &c.....		6	1,348	1,444	3,671	864	1,588	1,680	2,413				22
Meats, other than pork.....		30											
Pork.....	56	87	390	243	1,271	343	17	970	632	152	379	273	268
Sheep.....													
Tallow.....					359	201	631	119					
Wool.....	1,484	1,536	900	197	89	130		3	752	482	134	21	89
Total, class 3.....	294,654	211,300	303,665	280,319	219,434	158,720	154,680	147,947	146,581	168,720	130,499	163,784	196,301
Class 4.													
Agricultural implements.....									399		396	552	494
Crockery and earthenware.....													
Furniture.....		2			2	7		3	17				1

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Season of Navigation from 1894 to 1906 inclusive—*Concluded.*

Articles.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds													
Marble								4					
Molasses						8	57						
Nails	57					11							
Oil, in barrels		30	1,005	198	119	367	17	22	1,594	2,000	1		
Paint					3	2	36				17	42	1
Rags						1				4		4	
Soda ash													
Stone, wrought		59	165	31			154	448	280		53	53	840
Sugar													
White lead		15			34	168	1	1	1,928	3		7	
Whisky, beer and all other spirits	2,976	7,656	3,990	3,591	3,828	6,219	7,889	3,327		2,010	1,554	2,008	2,324
Merchandise													
Total, class 4	3,033	7,762	5,160	3,820	3,986	6,783	8,164	3,805	4,218	4,017	2,021	2,666	3,660
<i>Class 5.</i>													
Empty barrels			10				5	282				3	2
Firewood, in vessels			165						4		717	2,700	3,609
Lumber, sawn, in vessels	62,905	41,974	75,515	68,280	52,844	57,695	55,128	38,685	72,806	48,337	30,194	15,726	27,701
Masts and spars, in vessels				403									
Hop poles											154		
Railway ties, in vessels		446									652	2,248	
Shingles												62	53
Split posts												12	
Staves, salt barrel													1,500
Timber, square, in vessels		500		1,040									
Woodenware, &c			12	1									
Total, class 5	62,905	42,920	75,702	69,724	52,844	57,695	55,133	38,367	72,810	48,337	31,717	20,751	32,865
<i>Special Class.</i>													
Coal	727	603	1,255		759	2,293	992	357	501		1,100	3,346	4,400
Stone, not suitable for cutting													
Kryolite													
Total, special class	727	603	1,255		759	2,293	992	357	501		1,100	3,346	4,400
Grand total	361,319	262,585	385,782	353,863	277,023	225,491	218,969	190,476	224,110	221,074	165,337	190,547	237,226

SESSIONAL PAPER No. 20a

N.—STATEMENT showing the Number of Vessels which took their Cargoes of WHEAT through the Welland Canal from Ports west of Port Colborne; the quantity transhipped at Kingston, and the quantity of each Cargo through the St. Lawrence Canals to Montreal, during the Season of Navigation in 1906.

Names of Vessels.	Original Quantity through the Welland Canal.	Quantity Transhipped at Kingston.	Cargo through the St. Lawrence Canals to Montreal
	Tons.	Tons.	Tons.
Canadian Steamer Advance	1,078		1,078
" " "	1,119		1,119
" " "	1,135	115	1,020
" " A. E. Ames	1,470		1,470
" " "	1,500		1,500
" " "	1,470		1,470
" " "	1,391		1,391
" " "	1,401		1,401
" " "	1,560		1,560
" " "	1,500		1,500
" " "	1,380		1,380
" " Arabian	1,170		1,170
" " "	1,185		1,185
" " "	1,170		1,170
" " "	1,175		1,175
" " "	1,170		1,170
" " "	1,140		1,140
" " "	1,140		1,140
" " Bickerdike	1,380		1,380
" " "	816		816
" " "	1,397		1,397
" " "	557		557
" " "	1,338		1,338
" " "	1,320		1,320
" " Cataract	1,108		1,108
" " City of Montreal	1,020		1,020
" " "	375		375
" " "	900		900
" " "	900		900
" " "	538		538
" " Golspie	297		297
" " Haddington	2,236		2,236
" " "	2,230		2,230
" " "	2,257		2,257
" " "	2,250		2,250
" " "	2,224		2,224
" " "	2,160		2,160
" " "	2,190		2,190
" " Neepawah	1,740		1,740
" " "	1,650		1,650
" " "	1,800		1,800
" " "	1,500		1,500
" " "	1,695		1,695
" " "	1,680		1,680
" " "	1,755		1,755
" " "	1,725		1,725
" " H. M. Pellatt	1,380		1,380
" " "	1,445		1,445
" " "	1,387		1,387
" " "	1,393		1,393
" " "	1,440		1,440
" " "	1,485		1,485
" " "	1,050		1,050
" " "	1,260		1,260
" " J. H. Plummer	1,483		1,483
" " "	1,468		1,468
" " "	1,471		1,471
" " "	1,470		1,470
" " "	581		581
" " "	1,140		1,140
" " "	1,140		1,140
" " "	1,395		1,395

7-8 EDWARD VII., A. 1908

N.—STATEMENT Showing the Number of Vessels which took their Cargoes of WHEAT through the Welland Canal from Ports west of Port Colborne; the quantity transhipped at Kingston, and the quantity of each Cargo through the St. Lawrence Canals to Montreal, during the season of Navigation in 1906.

Names of Vessels.	Original Quantity through the Welland Canal.	Quantity Transhipped at Kingston.	Cargo through the St. Lawrence Canals to Montreal
	Tons.	Tons.	Tons.
Canadian Steamer Wahcondah.....	810	.....	810
" " ".....	1,530	.....	1,530
" " ".....	1,500	.....	1,500
" " ".....	1,500	.....	1,500
British " Turret Cape.....	2,100	216	1,884
" " Turret Chief.....	2,135	.....	2,135
" " Turret Crown	2,117	.....	2,117
" " ".....	2,117	257	1,860
Canadian Barge Melrose.....	1,209	.....	1,209
" " Selkirk.....	1,349	.....	1,349
United States Steamer J. S. Keefe.....	870	163	707
" " ".....	720	.....	720
Total	93,137	751	92,386

Number of cargoes of wheat	720·74	
Quantity through Welland to Kingston.....		93,137 tons.
" transhipped at Kingston.....		751 "
" taken to Montreal in vessels in which it arrived at Kingston...		92,386 "

N.—STATEMENT showing the Number of Vessels which took their Cargoes of Corn through the Welland Canal from Ports west of Port Colborne, the quantity transhipped at Kingston, and the quantity of each cargo through the St. Lawrence Canals to Montreal, during the Season of Navigation in 1906.

Names of Vessels.	Original Quantity through the Welland Canal.	Quantity transhipped to Kingston.	Cargo through the St. Lawrence Canal to Montreal.
	Tons.	Tons.	Tons.
Canadian Steamer City of Montreal.....	336	.....	336
" " R. S. Halcomb..	437	.....	437
United States " G. S. Howe... ..	2,163	95	2,068
" " J. S. Keefe.	2,226	.....	2,226
" " ".....	2,254	.....	2,254
" " Jno. Lambert	2,266	311	1,955
" " Madagascar.....	1,624	.....	1,624
" " S. N. Parent.....	2,268	267	2,001
" " ".....	2,251	182	2,069
" " Zapotic.....	1,378	.....	1,378
Total.....	17,203	855	16,348

	Number.	Tons.
Number of Cargoes of Corn.....	10	
Quantity through Welland Canal to Kingston		17,203
" transhipped to Kingston.....		855
" taken to Montreal in vessels in which it arrived at Kingston.		16,348

SESSIONAL PAPER No. 20a

Q ---COMPARATIVE STATEMENT of the Quantity of Grain passed Down the Welland Canal to Kingston and Ogdensburg, during the Seasons of Navigation in 1905 and 1906.

	1905.		1906.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston in Canadian vessels	167	239,418	205	344,605
Quantity arrived at Kingston and Ogdensburg in United States vessels	235	273,344	188	269,800
Total	402	512,762	393	614,405
Quantity transhipped at Kingston and Ogdensburg in Cana- dian vessels for Montreal		107,384		*269,773
Quantity taken to Montreal in vessels in which it arrived at Kingston		234,047		135,162
Quantity remaining at Kingston, Ogdensburg and Cardinal . .		171,331		209,470
Total		512,762		614,405

* Of this quantity, 4,191 tons were transhipped from Kingston, being grain of 1905. 108 vessels took their cargoes through in 1906, against 161 in 1905. 185 vessels discharged all their cargoes in 1906, against 240 in 1905.

7-8 EDWARD VII., A. 1908

S.—The quantity of Coal passed through the Welland Canal during a series of years from 1885 to 1906, inclusive, and the amount of Tolls collected thereon, is as follows :—

YEARS.	From Canadian Ports to Canadian Ports.	From Canadian Ports to Canadian Ports.	From United States Ports to United States Ports.		From United States Ports to Canadian Ports.		Total.	Amount of Tolls paid. — Rate 20 cents a ton.
	Up.	Down.	Up.	Down.	Up.	Down.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	\$ cts.
1885.....			193,442	4,974	10,321	31,350	240,087	48,017 40
1886.. . . .			184,564	5,400	22,187	49,724	261,875	52,375 00
1887.....			81,617	1,163	26,775	25,968	135,523	27,104 60
1888.....			172,381	878	17,365	27,183	217,807	43,561 40
1889.....			226,352	1,124	12,036	25,931	265,443	53,188 60
1890.....	80		116,616	615	17,280	22,781	202,372	38,222 30
1891.....			185,190	1,382	17,374	20,698	224,644	44,928 20
1892.....			183,244	651	12,391	15,330	211,616	42,284 13
1893.....			204,704	2,123	8,325	17,944	233,096	46,619 20
1894.....			187,794	727	1,269	13,947	203,737	40,789 93
1895.....	4		148,887	603	1,565	7,807	158,866	31,773 05
1896.....	20	210	206,093	1,255	4,127	11,740	223,445	44,668 20
1897.....		4	165,143	.....	1,277	9,799	176,223	35,244 60
1898.....			156,055	759	986	4,536	162,336	32,467 20
1899.....			86,638	2,293	525	8,276	97,732	19,546 40
1900.....	8		45,032	992	.....	1,360	47,392	9,478 40
1901.....			46,345	357	456	2,322	49,480	9,896 00
1902.....			12,410	501	65	51,037	64,013	12,845 60
1903.....	3		113,076	.....	4,796	30,009	147,884	*29,576 80
1904.....	2,919		62,782	1,100	3,711	32,813	103,325	*20,665 00
1905.....			70,118	3,346	11,436	37,742	172,642	*34,528 40
1906.....	60		29,123	4,400	7,161	106,843	147,587	*29,517 40

NOTE.—Tolls on soft coal passed down the Welland Canal, during the season of 1890, were reduced from 20 to 10 cents a ton, per O. C. May 11, 1890, for the season of 1890 only ; the rate for 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901 and 1902, being 20 cents a ton for passage either eastward or westward. During 1906 all tolls were free. O. C. April 23, 1903.

*These tolls were "free by O.C. April 27, '03.

SESSIONAL PAPER No. 20a

T.—STATEMENT showing the quantity of Coal passed through the whole length of the St. Lawrence Canal during the seasons of 1885 to 1906, inclusive.

YEARS.	Quantity passed up free of Tolls.	Quantity passed down to Montreal.	Total Quantity passed up and down.	Amount of Tolls on Quantity passed down Montreal.
	Tons.	Tons.	Tons.	\$ cts.
1885.. .. .	5,035	122,829	127,864	18,421 35
1886.. .. .	3,301	118,802	122,103	17,820 70
1887.. .. .	7,579	121,618	129,197	18,242 70
1888.. .. .	8,341	123,050	131,391	18,423 90
1889.. .. .	5,360	124,290	129,650	18,604 90
1890.. .. .	6,538	135,168	141,706	20,275 20
1891.. .. .	7,951	141,701	149,652	21,255 15
1892.. .. .	7,543	157,134	164,677	23,570 10
1893.. .. .	2,285	147,139	149,424	22,070 85
1894.. .. .	16,213	169,552	185,765	25,432 80
1895.. .. .		165,151	165,151	24,772 65
1896.. .. .	689	161,551	162,240	24,232 65
1897.. .. .	40	164,963	165,003	24,722 37
1898.. .. .	400	175,609	176,009	26,341 05
1899.. .. .	448	201,546	201,994	30,231 80
1900.. .. .	10	280,169	280,179	42,025 35
1901.. .. .	2,765	298,245	301,010	44,732 55
1902.. .. .	9,231	95,702	104,933	11,958 90
1903.. .. .	30	290,548	290,578	*43,555 73
1904.. .. .	9,670	320,973	330,643	*48,145 95
1905.. .. .	8,518	345,589	354,107	*51,808 33
1906.. .. .	6,989	313,080	320,069	*47,905 93

NOTE.—Coal is allowed to pass free up the St. Lawrence Canal. Con. O. C. Oct. 26, 1889.

*These tolls were 'free' by O.C. April 27, 1903.

7-8 EDWARD VII., A. 1908

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, showing the quantity to Montréal, the quantity to Canadian Ports between Port Dalhousie and Cornwall, and the quantity to United States Ports, Oswego, Ogdensburg, &c., on the south side of Lake Ontario, for the years 1895 to 1906 inclusive.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1895.	Tons.	Tons.	Tons.
Apples.	28	.....	.....
Ashes.	34	15	.....
Barley.	959	.....	7,730
Bricks. ....	.....	651	.....
Coal. ....	.....	7,809	603
Corn.	70,235	2,912	91,743
Flour.	30,916	1,824	10,265
Furniture. ....	.....	12	2
Glass. ....	.....	1	.....
Horses.	1	1	.....
Hides, skins, &c. ....	.....	.....	8
Iron, railway. ....	.....	.....	181
" pig.	79	1,994	.....
" all other.	1,766	1,408	214
Lard and lard oil. ....	.....	.....	6
Meal, all kinds.	65	.....	46,316
Meats, other than pork. ....	.....	.....	30
Molasses.	100	.....	.....
Oats.	1,654	123	16,442
Oil, in barrels.	6	41	30
Pork. ....	.....	.....	87
Paint.	2	.....	.....
Salt. ....	.....	36	.....
Stone, for cutting. ....	.....	430	.....
Seeds, all kinds. ....	.....	.....	14
Steel.	394	.....	462
Sugar. ....	.....	.....	59
Spirits, beer, &c.	101	84	15
Tobacco. ....	.....	16	.....
Wheat.	*158,643	29,061	17,908
Wool. ....	.....	.....	1,536
Merchandise not enumerated.	558	1,302	7,656
Barrels, empty.	1	.....	.....
Sawn lumber, in vessels.	1,117	492	43,286
Railway ties. ....	.....	.....	1,942
Shingles. ....	.....	19	.....
Square timber, in vessels. ....	.....	63,715	500
Total.	266,659	111,946	247,035

* Of this amount 3,469 tons came down to Kingston in 1894, were stored there and taken to Montreal in 1895; and 245 tons came down to Ogdensburg in 1894, stored there, and transhipped to Montreal in 1895.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1896.	Tons.	Tons.	Tons.
All other vegetables	29		
Apples	†1,263		
Ashes	94		
Barley	240		11,128
Cement and water-lime.	12		
Coal		11,742	1,255
Corn	182,330	19,688	118,426
Crockery	5		
Fish		2	
Flour	11,964	13,846	16,224
Furniture		3	
Glass	9	3	
Hay, pressed.		563	
Hides, skins, &c.			41
Horses	1	1	3
Iron, railway.		1,192	
" pig.	5	1,559	
" all other.	2,020	1,725	
Lard and lard oil			1,348
Meal, all kinds.		500	46,456
Molasses	167		
Oats.	12,373	1,454	14,351
Oil, in barrels	23		1,005
Pease	3,020	10	
Pork	1		390
Rags	4		
Rye	8,323	647	
Salt		80	
Seeds of all kinds.	20		78
Steel	542	11,317	498
Sugar.	1		165
Tobacco		1	
Wheat	*254,763	51,587	16,467
Wool		8	900
Merchandise not enumerated.	376	54	3,990
Barrels, empty.			10
Firewood, in vessels.			165
Sawn lumber "	657	1,286	78,397
Shingles		94	40
Square timber, in vessels.,		55,588	
" in rafts.	1,200		
Woodenware			12
Total	479,442	172,950	311,349

† 523 tons of this quantity of apples paid full tolls by sections on the Welland Canal, and consequently does not appear on the Welland Through Statement

* Of this amount 5,290 tons came down to Kingston in 1895, were stored there and transhipped to Montreal in 1896.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1898.	Tons.	Tons.	Tons.
Agricultural products, vegetable	56	.....	.....
Ashes	73	.....	.....
Barley	3,960	1,417	6,909
Cement and water-lime.. ..	.....	.....	300
Clay, lime and sand	52	1	.....
Coal. ....	.....	4,536	759
Corn	*310,498	13,338	116,317
Flaxseed.....	5,687	9	.....
Flour.....	653	.....	4,212
Furniture.....	.....	.....	2
Glass	75	.....	.....
Horses	4	.....	.....
Iron, railway.....	.....	674	770
" pig.....	.....	4,187	.....
" all other.....	6,217	257	324
" ore.....	.....	13,433	.....
Lard and lard oil.....	.....	.....	3,671
Meal, all kinds .....	.....	.....	22,626
Molasses.....	56	.....	.....
Oats.....	3,975	625	12,729
Oil, in barrels.....	1,141	15	119
Paint .....	.....	.....	3
Pease.....	260	.....	45
Pork.....	.....	.....	1,271
Rye	*16,133	39	.....
Salt	144	544	.....
Seeds, all kinds .....	.....	.....	44
Spirits, beer, &c	4	.....	34
Steel	1,351	3,122	2,951
Stone for cutting.....	.....	554	.....
Tallow .....	.....	.....	359
Wheat	*184,706	15,860	8,612
Wool.....	.....	.....	89
Merchandise not enumerated.....	866	25	3,828
Firewood, in vessels .....	.....	747	.....
Lumber, sawn, in vessels	3,065	2,840	72,897
Railway ties .....	.....	190	.....
Shingles.....	.....	11	.....
Square timber	329	48,369	.....
Total	539,305	110,893	258,871

* Of this quantity of corn 2,340 tons came down to Ogdensburg and Prescott in 1887, were stored there, and transhipped to Montreal in 1898.

* Of this quantity of rye 45 tons came down to Prescott in 1897, were stored there, and transhipped to Montreal in 1898.

* Of this quantity of wheat 4,165 tons came down to Kingston in 1897, were stored there, and transhipped to Montreal in 1896.

7-8 EDWARD VII., A. 1908

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1899.	Tons.	Tons.	Tons.
Agricultural products, vegetable....	32		
Ashes.....	58		
Barley.....	596		1,828
Clay, lime and sand.....	15		
Coal.....		8,276	2,293
Corn.....	*150,999	16,594	43,854
Flaxseed.....	200		
Flour.....	4,229	1,889	4,404
Furniture.....		2	7
Glass.....	16		
Horses.....	1		
Iron, ore.....		26,125	
" all kinds.....	5,063		194
Lard and lard oil.....		3	964
Meal, all kinds.....			18,198
Molasses.....	159		8
Nails.....	1	1	11
Oats.....	*10,250	1	13,139
Oil, in barrels.....	7,143	2	254
Paint.....			2
Pork.....			343
Rags.....			1
Rye.....	923		
Salt.....	183	479	549
Seeds, all kinds.....			11
Spirits, beer, &c.....	74	71	168
Steel.....	3,000	1,562	11,802
Stone for cutting.....		429	
Tallow.....			201
Tobacco.....	96		
Wheat.....	*269,978	23,602	9,190
Wool.....			130
Merchandise not enumerated.....	518	126	6,219
Barrels, empty.....	1		
Firewood, in vessels.....		27	
Hop poles.....		100	
Lumber, sawn, in vessels....	924	4,583	57,695
Masts and spars ".....		3	
Railway ties ".....		74	1,273
Shingles.....		50	
Square timber, in vessels.....	26	24,959	
Total	354,485	108,958	172,738

* Of this quantity of corn 7,443 tons came down to Ogdensburg and Prescott in 1898, were stored there, and transhipped to Montreal in 1899.
* Of this quantity of oats 187 tons passed down from Dunville to Montreal.
* Of this quantity of wheat 6,447 tons passed down to Kingston in 1898, were stored there, and transhipped to Montreal in 1899.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to United States Ports.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.
1900.	Tons.	Tons.	Tons.
Agricultural products, vegetable.....		1	6
Ashes.....	25	15	
Barley.....	1,288	563	1,598
Cement and water-lime.....			18
Clay, lime and sand.....	15		
Coal.....		1,360	992
Corn.....	*109,359	9,844	44,306
Flour.....	1,595	990	6,371
Furniture.....	1		
Glass, all kinds.....	6	4	
Horses.....			4
Iron, pig.....	508	1,284	
" all other.....	4,292	1,044	714
" ore.....		58,400	
Lard and lard oil.....			1,588
Meal (all kinds).....			14,244
Molasses.....		21	57
Oats.....	*8,925	348	30,840
Oil, in barrels.....	15,647	4,288	17
Oil-cake.....			2,705
Paint.....		2	36
Pease.....	115		4
Pitch and tar.....		24	
Pork.....			117
Rye.....	3,078	160	300
Salt.....		467	
Soda ash.....		15	
Steel.....	5,420		2,601
Sugar.....			154
Tallow.....			631
Wheat.....	*121,896	6,610	7,541
White lead.....	16		
Merchandise not enumerated.....	103	154	7,899
Barrels, empty.....	182	407	5
Firewood, in vessels.....		1,143	
Lumber, sawn, in vessels.....	15,760	5,701	55,128
Shingles.....		90	
Square timber, in vessels.....		20,267	
Staves.....		3	
Total.....	288,231	113,205	177,876

* Of this quantity of corn 751 tons came to Ogdensburg, Kingston and Prescott in 1899, were stored there, and transhipped to Montreal in 1900.

* Of this quantity of oats 585 tons came down to Ogdensburg, Kingston and Prescott in 1899, were stored there, and transhipped to Montreal in 1900.

* Of this quantity of wheat 10,835 tons came down to Ogdensburg, Kingston and Prescott in 1900, were stored there, and transhipped to Montreal in 1900.

7-8 EDWARD VII., A. 1908

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1901.	Tons.	Tons.	Tons.
Agricultural implements.....	1,785		
" products, vegetable.....			10
Ashes.....	3		
Barley.....			7,119
Coal.....		2,322	357
Corn.....	14,319	4,828	48,609
Flaxseed.....	4,965	2	
Flour.....	1,400	218	15,768
Furniture.....	5		
Glass (all kinds).....	1		
Hay, pressed.....	246		
Iron, pig.....		1,790	
" all other.....	1,178	589	
" ore.....		98,452	
Lard and lard oil.....	1,155	827	525
Meal (all kinds).....	35		13,981
Meats.....	114	7	
Molasses.....		17	
Oats.....	1,584	853	25,704
Oil (in barrels).....	14,987	2,971	22
Oil-cake.....	1,083	113	219
Paint.....	17	6	
Pitch and tar.....		17	
Pork.....	34	970	10
Rye.....	2,961		
Salt.....	50	165	105
Soda ash.....	4		
Spirits, &c.....	32		
Sugar.....	112		448
Tallow.....			119
Tobacco, raw.....	23		
Wheat.....	*132,702	8,051	9,057
Wool.....			3
Merchandise not enumerated.....	2,420	1,395	966
Barrels, empty.....	66		216
Firewood, in vessels.....		1,287	
Lumber, sawn, in vessels.....	2,635	3,412	51,931
Mast spars, &c. ".....		13	
Shingles.....		18	
Square timber, in vessels.....	504	14,023	
Total.....	184,420	142,346	175,169

*Of this quantity 9,324 tons came to Ogdensburg in 1900, were stored there, and transhipped to Montreal in 1901.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1902.	Tons.	Tons.	Tons.
Agricultural implements.....	12	.....	399
Barley .....	.....	.....	7,418
Coal.....	15,976	.....	35,562
Corn.....	1,719	10,335	55,593
Fish.....	.....	1	.....
Flour	6,755	5,897	7,030
Furniture .....	.....	.....	17
Iron, railway.....	50	.....	.....
" all other.....	5,785	.....	220
" ore .....	.....	3,492	18,988
Lard and lard oil.....	.....	.....	2,413
Meal, all kinds .....	.....	.....	12,675
Molasses.....	54	18	.....
Oats	1,442	.....	9,764
Oil, (in barrels).....	12,091	131	1,594
Oil cake.....	.....	.....	110
Paint .....	.....	20	.....
Pitch and tar.....	.....	33	.....
Pork.....	.....	.....	632
Rye	4,079	.....	.....
Seeds, all kinds .....	.....	.....	10
Sugar.....	.....	.....	280
Wheat	* 200,975	12,452	8,389
Wool .....	.....	.....	752
Merchandise not enumerated	419	172	1,928
Barrels (empty)	5	15	.....
Firewood, in vessels.....	.....	288	.....
Lumber, sawn, in vessels.....	1,085	1,178	97,300
Saw logs.....	.....	28	.....
Square timber, in vessels.....	.....	20,838	.....
Staves (barrel) .....	.....	35	.....
Woodenware.....	17	.....	.....
Total	250,475	55,733	361,078

* Of this quantity 6,096 tons were transhipped to Montreal, being grain of 1901.

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1903.	* Tons.	Tons.	Tons.
Agricultural implements.....	46		
" products.....		1	
Ashes.....	14		
Barley.....	2,206	1,017	11,433
Coal.....		30,009	
Corn.....	116,223	13,846	80,689
Flax and hemp.....		5	
Flaxseed.....	3,643		
Flour.....	16,151		6,082
Furniture.....	3	10	
Glass, all kinds.....	15		
Horses.....			2
Iron, railway.....		15	
" all other.....	2,542	556	
" ore.....		18,323	
Meal, all kinds.....	348		13,549
Molasses.....	240	16	
Nails.....	19		
Oats.....	2,438		5,315
Oil.....	14,619	518	2,000
Oil cake.....	462	792	740
Paint.....	5		
Pease.....	63		22
Pork.....			153
Rags.....	4		
Rosin.....	20		
Rye.....	4,260		644
Salt.....	132	2,242	
Seeds, all kinds.....			27
Spirits.....	2		3
Steel.....		5	
Tallow.....	3	15	
Wheat.....	* 226,746	14,199	13,725
Wool.....			482
Merchandise not enumerated.....	582	117	2,012
Firewood, in vessels.....		210	9
Lumber, sawn, in vessels.....		3,086	76,563
Shingles.....		54	
Timber, square, in vessels.....		26,324	
Total.....	390,786	111,360	213,449

*Of this quantity 2,890 tons were transhipped to Montreal, being grain for 1902.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1904.	Tons.	Tons.	Tons.
Agricultural implements.....	17		393
Apples.....	1		
Ashes ..	16		3
Barley.....	9,697	853	16,621
Cement and water-lime.....	35		
Coal.....		32,813	1,100
Corn.....	55,921	3,950	57,473
Dye woods and dye stuffs.....		2	
Flaxseed.....	212		
Flour.....	24,662	635	8,556
Furniture.....	6	12	
Glass, all kinds.....	3		1
Hides and skins.....	10	1	
Iron, railway.....	8,170		2,166
" all other.....	1,651		1,306
" ore.....	17,362		19,460
Meal, all kinds.....	57		13,096
Nails.....		18	
Oats.....			16,497
Oil, in barrels.....	12,848		1,755
Oil cake.....	7,846	2	
Paint.....		10	17
Pease.....			3
Pitch and tar.....		180	
Pork.....			379
Salt.....	615	478	
Steel.....	16	1	
Spirits, &c.....	766	458	
Sugar.....			53
Tallow.....		2	
Tin.....	87	28	
Wheat.....	*133,428	18,908	11,929
Wool.....			134
Merchandise.....	713	102	1,554
Firewood.....			717
Hop poles.....			154
Railway ties.....			652
Sawn lumber, in vessels.....		9,743	86,979
Square timber.....	1,544	35,697	
Salt barrels.....	394		
Total.....	275,277	103,803	240,998

* Of this quantity 4,014 tons were transhipped to Montreal, being grain of 1903.

7-8 EDWARD VII., A. 1908

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1905.	Tons.	Tons.	Tons.
Agricultural implements.....			552
Barley.....	43,607	2,628	9,197
Bricks.....		15	
Clay, lime and sand.....	22	200	
Coal.....	29,351	58,391	3,346
Corn.....	84,204	3,095	93,622
Crockery and earthenware.....	93		
Flaxseed.....	15,694		
Flour.....	14,571	14,458	9,483
Glass, all kinds.....	21	4	
Hay, pressed.....		200	
Hides and skins.....		46	
Iron, railway.....	10	1,531	
" pig.....		980	
" all other.....	384	2,160	
" ore.....	3,837	18,544	
Lard and lard oil.....	2,847		
Meats, other than pork.....			87
Meal, all kinds.....	270	200	9,336
Molasses.....	820	63	
Nails.....	64		1
Oats.....	21,404	3,776	10,892
Oil, in barrels.....	20,700	3,082	
Oil cake.....	9,229	662	223
Paint.....		42	
Pease.....			76
Pitch and tar.....	53		
Pork.....			273
Rags.....			4
Rye.....	1,711		
Salt.....	168	36	
Seeds, all kinds.....			43
Soda ash.....	59	8	
Spirits, &c.....	635	104	
Steel.....	48		
Sugar.....	2,019		53
Tallow.....	53		
Tin.....	53		
Tobacco.....	204		
Wheat.....	*190,505	32,562	15,483
White lead.....			7
Wool.....			21
Merchandise.....	851	205	2,008
Barrels, empty.....			3
Firewood.....			2,700
Railway ties.....			2,248
Sawn lumber, in vessels.....	3,957	12,794	74,279
Square timber, in vessels.....	1,260	9,500	
Shingles.....			62
Split posts, in vessels.....			12
Total.....	448,704	165,286	234,017

* Of this quantity 2,809 tons were transhipped to Montreal, being grain of 1904.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the quantity of Through Freight passed Down the Welland Canal to Canadian Ports, &c.—*Concluded.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1906.	Tons.	Tons.	Tons.
Agricultural products, vegetables.....			1
Agricultural implements.....			494
Ashes.....	42		
Barley.....	21,196	984	9,266
Cement and water-lime..		1	
Coal.....		106,843	4,400
Corn.....	55,559	15,688	140,558
Flaxseed.....	80,570	3,392	756
Flour.....	9,174	70	8,916
Furniture.....	6		1
Glass, all kinds.....	11		
Hides, skins, &c.....	2		
Iron, all other.....	269	1,070	27
" pig.....		1,691	
" railway.....		1,091	
Lard and lard-oil.....	4,810	2	
Meals, all kinds.....	60		10,668
Nails.....		11	
Oats.....	37,164	819	11,323
Oils.....	18,995	5,134	
Ore, iron.....		5,862	
Pease.....		11	
Pork.....		268	
Rye.....	1,405	6	
Salt.....	75	19	
Seeds, all kinds.....		3	3
Soda ash.....	30		
Steel.....		2	
Sugar.....			840
Spirits, all kinds.....	614	370	
Wheat.....	*289,611	15,834	14,972
Wool.....			89
Merchandise.....	466	337	2,324
Barrels, empty.....			2
Firewood.....		54	3,609
Lumber, sawn in vessels.....	100	39,207	27,701
Railway ties, in vessels.....		849	
Staves.....	1,500		
Shingles..			53
Timber, square, in vessels.....	1,500	10,000	
Total ..	523,159	209,628	236,003

* Of this quantity 4,191 tons were transhipped to Montreal, being grain of 1905.

7-8 EDWARD VII., A. 1908

U.—STATEMENT showing the Quantity of Through Freight passed down the Welland Canal to Canadian Ports, &c.—*Continued.*

RECAPITULATION—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1895.	Tons.	Tons.	Tons.
Barley	959		7,320
Corn	70,265	2,912	91,743
Oats	1,654	123	16,442
Pease			
Rye	†158,643	29,061	17,908
Wheat			
Total grain	231,491	32,096	133,823
Other articles	35,168	79,850	113,212
Total	266,659	111,946	247,035
1896.			
Barley	240		11,128
Corn	181,330	19,688	118,426
Oats	12,373	1,451	14,351
Pease	3,020	10	
Rye	8,323	647	
Wheat	254,763	51,564	16,467
Total grain	†461,049	73,386	160,372
Other articles	18,393	99,564	150,977
Total	749,442	172,959	311,349
1897.			
Barley			14,173
Corn	264,396	11,103	115,689
Oats	6,774	3,046	15,233
Pease	2,078	3	
Rye	8,435	48	
Wheat	278,498	39,057	12,661
Total grain	*560,254	53,257	157,756
Other articles	20,793	114,989	122,207
Total	581,047	166,246	285,963
1898.			
Barley	3,960	1,417	6,909
Corn	310,498	13,338	116,317
Oats	3,975	625	12,729
Pease	260		45
Rye	16,133	39	
Wheat	184,706	15,860	8,612
Total grain	**519,532	31,279	144,612
Other articles	19,773	79,614	114,259
Total	539,305	110,893	258,871

† Of this amount, 3,469 tons came down to Kingston in 1894, was stored there, and taken to Montreal in 1895, and 245 tons came down to Ogdensburg in 1894, was stored there, and transhipped to Montreal in 1895.

‡ Of this amount, 5,299 tons came down to Kingston in 1895, was stored there, and transhipped to Montreal in 1896.

* Of this quantity, 7,695 tons came down in 1896 and were transhipped to Montreal in 1897.

**Of this quantity, 6,550 tons came down in 1897 and were transhipped in 1898

SESSIONAL PAPER No. 20a

U.—STATEMENT showing the quantity of Through Freight passed down the Welland Canal to Canadian Ports, &c.—*Continued.*RECAPITULATION—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1899.	Tons,	Tons.	Tons.
Barley.....	568	.....	1,828
Corn.....	150,999	16,594	43,854
Oats.....	10,250	1	13,139
Pease.....	.....	.....	.....
Rye.....	923	.....	.....
Wheat.....	169,978	24,602	9,190
Total grain.....	**332,736	40,197	68,011
Other articles.....	21,739	68,671	104,727
Total.....	354,485	108,958	172,732
1900.			
Barley.....	1,288	563	1,598
Corn.....	109,358	9,844	44,406
Oats.....	8,925	348	30,840
Pease.....	115	.....	4
Rye.....	3,078	160	300
Wheat.....	121,896	6,610	7,541
Total grain.....	**244,661	17,525	84,589
Other articles.....	43,670	95,680	93,287
Total.....	288,231	113,205	177,876
1901.			
Barley.....	.....	.....	.....
Corn.....	14,319	4,828	49,609
Oats.....	1,584	853	25,704
Pease.....	.....	.....	.....
Rye.....	2,961	.....	.....
Wheat.....	132,702	8,051	9,057
Total grain.....	†151,566	13,732	83,370
Other articles.....	32,854	128,614	91,799
Total.....	184,420	142,346	175,169
1902.			
Barley.....	.....	.....	7,418
Corn.....	1,719	10,335	55,583
Oats.....	1,412	.....	9,764
Pease.....	.....	.....	.....
Rye.....	4,079	.....	.....
Wheat.....	200,975	12,452	8,389
Total grain.....	‡208,215	22,787	81,165
Other articles.....	42,260	32,946	179,914
Total.....	250,475	55,733	261,078

* Of this quantity, 14,077 tons came down in 1898 and were transhipped to Montreal in 1899.

** Of this quantity, 12,171 tons came down in 1899 and were transhipped to Montreal in 1900.

† Of this quantity, 9,324 tons came down in 1900 and were transhipped to Montreal in 1901.

‡ Of this quantity, 6,096 tons came down in 1901 and were transhipped to Montreal in 1902.

7-8 EDWARD VII., A. 1908

U.—STATEMENT showing the Quantity of Through Freight passed down the Welland Canal to Canadian Ports, &c.—*Concluded.*

RECAPITULATION—*Concluded.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1903.	Tons.	Tons.	Tons.
Barley.....	2,206	1,017	11,433
Corn.....	116,223	13,846	80,689
Oats.....	2,438	.....	5,315
Pease.....	63	.....	22
Rye.....	4,200	.....	644
Wheat.....	226,746	14,199	13,725
Total grain.....	\$351,936	29,062	111,828
Other articles.....	38,850	82,298	101,621
Total.	390,786	111,360	213,449
1904.			
Barley.....	9,697	853	16,621
Corn.....	55,021	3,950	57,473
Oats.....	.....	.....	16,497
Pease.....	.....	.....	3
Rye.....	.....	.....	.....
Wheat.....	*133,528	18,908	11,929
Total grain.....	198,246	23,711	102,523
Other articles.....	77,031	80,092	138,475
Total.....	375,277	103,803	240,998
1905.			
Barley.....	43,607	2,628	9,197
Corn.....	84,204	3,095	93,622
Oats.....	21,404	3,776	10,892
Pease.....	.....	.....	76
Rye.....	1,711	.....	.....
Wheat.....	190,505	32,562	15,483
Total grain.....	**341,431	42,061	129,270
Other articles.....	107,273	123,225	104,747
Total.....	448,704	165,286	234,017
1906.			
Barley.....	21,196	984	9,266
Corn.....	55,559	15,688	140,558
Oats.....	37,164	819	11,323
Pease.....	.....	11	.....
Rye.....	1,405	6	.....
Wheat.....	***289,611	15,843	14,972
Total grain.....	404,935	33,351	176,119
Other articles.....	118,224	176,277	59,884
Total	523,159	209,628	236,003

§Of this quantity, 2,890 tons came down in 1902 and were transhipped in 1903.
*Of this quantity, 4,014 tons were transhipped to Montreal, being grain of 1903.
**Of this quantity, 2,809 tons were transhipped to Montreal, being grain of 1904.
***Of this quantity, 4,191 tons were transhipped to Montreal, being grain of 1905.

QUANTITY OF VEGETABLE FOOD AND LUMBER, ETC,

SESSIONAL PAPER No. 20a

St. Peter's Canal, 1905.....	1,451	.....	.....	.....	11	2,498	.....	.....	7,469	8,305	19,734
" 1906.....	1,460	.....	.....	39	.....	1,868	.....	.....	5,933	9,403	18,703
Increase.....	9	.....	.....	39	.....	.....	.....	.....	.....	1,098	.....
Decrease.....	.....	.....	.....	.....	11	630	.....	.....	1,536	.....	1,031
Trent Valley Canals, 1905.....	25	484	.....	.....	15	15	.....	.....	163	3,619	4,321
" 1906.....	71	695	.....	7	15	.....	18	.....	214	1,815	2,835
Increase.....	46	211	.....	7	.....	.....	18	.....	51	.....	.....
Decrease.....	.....	.....	.....	.....	.....	15	.....	.....	.....	1,804	1,486
Murray Canal, 1905.....	180	408	.....	1	633	27	.....	.....	875	59	2,183
" 1906.....	34	27	.....	51	94	12	.....	1	252	1,545	2,016
Increase.....	.....	.....	.....	50	.....	.....	.....	.....	.....	1,486	.....
Decrease.....	146	381	.....	.....	539	15	.....	.....	623	.....	167
Sault Ste. Marie Canal, 1905.....	190,878	779,493	4,116	41,793	.....	35,720	1,910	.....	5,671	35,368	1,094,949
" 1906.....	268,108	1,031,679	4,068	85,547	.....	144,051	3,934	.....	17,421	55,615	1,610,423
Increase.....	77,230	252,186	.....	43,754	.....	108,331	2,204	.....	11,750	20,247	515,474
Decrease.....	.....	.....	48	.....	.....	.....	.....	.....	.....	.....	.....
Total increase.....	45,653	257,280	.....	.....	.....	123,788	129	44	10,808	54,482	433,036
Total decrease.....	.....	.....	46,458	12,689	.....	.....	.....	.....	.....	.....	.....

Total for year 1905.....	2,959,981
" 1906.....	3,393,017

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

7-8 EDWARD VII., A. 1908

CANAL

COMPARATIVE STATEMENT for years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1904				3,288 86	21,346 64
" 1906				8,433 31	21,269 06
Increase				5,144 45	
Decrease					77 58
St. Lawrence Canals, 1905.			45 00	802 40	16,452 09
" " 1906.....	115 26	183 61	306 30	1,343 02	14,056 89
Increase	115 26	183 61	261 30	540 62	
Decrease					2,395 20
Chambly Canal, 1905.....				13 27	4,460 39
" 1906..				27 55	2,757 49
Increase				14 28	
Decrease					1,702 90
Ottawa Canals, 1905.....				641 08	4,703 43
" 1906.....				737 27	4,695 15
Increase.....				96 19	
Decrease					8 28
Rideau Canal, 1905					646 18
" 1906.....				59 64	820 93
Increase.....				59 64	174 75
Decrease					
St. Peters Canal, 1905.....				2 94	380 56
" 1906.....	12 60			66 69	293 33
Increase	12 60			63 75	
Decrease					87 23
Trent Valley Canals, 1905.				5 06	75 62
" " 1906.....				2 45	129 13
Increase.....					53 51
Decrease.....				2 61	
Murray Canal, 1905.....				4 69	111 68
" 1906.				67 20	71 79
Increase.....				62 51	
Decrease					39 89
Sault Ste. Marie Canal, 1905.					
" " 1906.....					
Increase					
Decrease					
Total increase.....	127 86	183 61	261 30	5,978 83	
Total decrease					4,082 82

SESSIONAL PAPER No. 20a

REVENUE.

ending December 31, 1905 and 1906.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts. 22,001 34 19,379 35	\$ cts. 21,063 78 20,870 82	\$ cts. 22,335 79 23,532 03	\$ cts. 20,836 58 20,561 70	\$ cts. 25,385 04 23,716 09	\$ cts. 17,205 43 21,329 33	\$ cts. 4,303 81 4,282 76	\$ cts. 157,767 27 163,374 45
2,621 99	192 96	1,196 24	274 88	1,668 95	4,123 90	21 05	5,607 18
19,742 45 21,383 27	21,456 23 23,149 03	20,641 37 21,725 20	18,633 85 22,051 88	18,015 82 18,878 04	14,114 77 18,758 11	142 71 1,071 06	130,046 69 143,021 67
1,640 82	1,692 80	1,083 83	3,418 03	862 22	4,643 34	928 35	12,974 98
3,388 38 4,534 66	4,632 41 5,461 24	4,394 10 5,156 43	4,053 66 4,187 80	5,405 57 5,438 83	2,044 10 2,625 18		28,391 88 30,189 18
1,116 28	828 83	762 33	134 14	33 26	581 08		1,797 30
4,598 35 4,662 76	4,130 27 5,359 49	3,681 32 5,359 07	4,198 24 4,039 69	4,173 60 3,817 99	2,870 74 2,067 78		28,997 03 30,739 20
64 41	1,229 22	1,677 75	158 55	355 61	802 96		1,742 17
772 07 931 80	1,041 94 1,058 24	1,066 10 1,516 15	986 05 1,179 91	832 77 847 82	373 83 693 42	55 89	5,774 83 7,107 91
159 73	16 30	450 05	193 86	15 05	319 59	55 89	1,333 08
363 83 324 20	390 50 328 45	417 39 377 93	411 51 377 88	388 18 375 75	354 09 329 84	202 96 172 03	2,911 96 2,658 70
39 63	62 05	39 46	33 63	12 43	24 25	30 93	253 26
203 81 190 04	274 54 266 24	284 99 279 32	212 65 130 00	158 78 119 44	94 68 58 95		1,310 13 1,175 57
13 77	8 30	5 67	82 65	39 34	35 73		134 56
124 95 166 44	217 27 241 95	280 13 329 06	197 38 163 53	140 33 123 85	128 96 118 10	50 1 10	1,205 89 1,283 02
41 49	24 68	48 93	33 85	16 48	10 86	60	77 13
377 34	3,528 52	5,174 00	3,162 47	1,182 28	8,794 11	821 08	23,144 02

Total revenue for 1905..... \$356,405 68
 " 1906..... 379,549 70

RICHARD DEVLIN, *Compiler of Canal Statistics.*

APPENDIX A.

No. 1.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal and the Amount of Revenue heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.		Amount of Tolls, Down.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.	
Ashes, pot and pearl.....								42			42				8 40	
Apples.....																
Agricultural products not enumerated, vegetables.	21								21	1	22					
Agricultural products not enumerated, animal.....												3 15		0 20		3 35
Agricultural implements.....	1,188					494			1,188	494	1,682					
Barley.....		10,928				9,266		11,252		31,406	31,446			3,144 60		3,144 60
Bricks.....																
Bones.....																
Brimstone.....																
Buckwheat.....																
Cement and waterlime.....	2															
Clay, lime and sand.....																
Coal.....	60				29,123	4,400	7,161	106,843	36,344	111,243	147,587	7,268 80		22,248 60		29,517 40
Corn.....		336				135,240		76,229		211,805	211,805			21,180 50		21,180 50
Cattle.....																
Cotton (raw).....																
Crockery and earthenware	48								48		48	7 20				7 20
Dye wood and dye stuffs..																
Fish.....																
Flax and hemp.....																
Flour.....	67	2,942				15,215		70	67	18,227	18,294	1 27		3,633 68		3,634 95
Furniture.....	24	2				1		4	24	7	31	3 60		1 40		5 00
Gypsum.....																
Glass (all kinds).....	324	11							324	11	335	48 60		2 20		50 80
Hay (pressed).....	181								181		181	27 15				27 15
Hogs.....																
Horses.....																
Hides and skins, horns and hoofs.....	2								2							
Ice.....					1,590				1,590	2	1,590	79 50		0 40		79 50

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Iron, railway.....	2,656	1,091							2,656	1,091	3,747	398 40	218 20	616 60
" pig.....	277							1,691	277	1,691	1,968	41 55	338 20	379 75
" all other.....	4,960	1,226	50	142	27			120	5,102	1,423	6,525	757 83	274 63	1,032 46
Iron ore.....								5,862		5,862	5,862		293 10	293 10
Kryolite, as chemical ore.....														
Lard and lard oil.....		1,675			22			3,115		4,812	4,812		962 40	962 40
Meal, all kinds.....		60			10,668					10,728	10,728		2,145 60	2,145 60
Meats, other than pork.....														
Marble.....				122					122		122	18 30		18 30
Manilla.....									46		46	6 90		6 90
Molasses.....									50		50	7 50		7 50
Nails.....	2,785			134				11	2,919	11	2,930	437 85	2 20	440 05
Oats.....		37,983								49,306	49,306		4,930 60	4,930 60
Oil (in barrels).....	63	21,559		1				2,570	64	24,129	24,193	9 60	4,825 80	4,835 40
Oil cake.....														
Pease.....					11					11	11		1 10	1 10
Potatoes.....														
Pork.....					268					268	268		53 60	53 60
Paint.....	122			7	1				129	1	130	19 35	0 20	19 55
Pitch and tar.....	99								99		99	14 85		14 85
Rags.....														
Rye.....	373	705						706	373	1,411	1,784	55 95	141 10	197 05
Flaxseed.....		1,794			756			82,168		84,718	84,718		8,471 80	8,471 80
Rosin.....														
Salt.....	6	56						38	6	94	100	0 90	18 80	19 70
Stone, intended for cutting.....														
" wrought.....														
" not suitable for cutting, unwrought.....														
Seeds, all kinds.....	18	113			3					113	113		5 65	5 65
Sheep.....								3	18	6	24	2 70	1 20	3 90
Soda ash.....	25							30	25	30	55	3 75	0 00	9 75
Steel.....	115	10		1	2				116	12	128	16 09	0 65	16 74
Sugar.....	384	46		18,196	840				18,580	886	19,466	2,780 97	169 15	2,950 12
Spirits, beer, &c.....	1,213	294		19				690	1,232	984	2,216	184 80	196 80	381 60
Tobacco (raw).....														
Tallow.....				80					80		80	12 00		12 00
Tin.....	282								282		282	42 30		42 30
Turpentine.....														
Wheat.....		288,720			13,410			24,668		326,798	326,798		32,440 86	32,440 86
White lead.....	36								36		36	5 40		5 40
Whiting.....														
Wool.....					89					89	89		17 80	17 80
All other goods and merchandise not enumerated.....	16,568	383	10	34,790	2,324			515	51,487	3,232	54,719	7,717 80	628 03	8,345 83
Bark.....														
Barrels, empty.....	1				2				1	2	3	15	0 26	0 41
Boat knees.....														

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[illegible]

^a Amount of damages, not included in above, \$402.80.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 2.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal and the Amount of Tolls heretofore collected, (now free) during the Season of Navigation in 1906.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Amount of Tolls.		Total Amount of Tolls.	
	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Amount of Tolls.		Total Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	cts.	cts.	cts.	cts.
Ashes, pot and pearl														
Apples														
Agricultural products not enumerated, vegetables...	21								21					
Agricultural products not enumerated, animal														
Agricultural implements...	1,188				494				1,188	494				
Barley		10,928			9,266					31,446			3,144 60	
Bricks														
Bones														
Brimstone														
Buckwheat.														
Cement and water-lime	2								2	1				
Clay, lime and sand														
Coal	60				29,123	4,400	7,161	106,843	36,344	111,243			22,248 60	29,517 40
Corn		336			135,240			76,229		211,805			21,180 50	21,180 50
Cattle.														
Cotton (raw)														
Crockery and earthenware.	48								48					7 20
Dye wood and Dye stuffs.														
Fish														
Flax and hemp														
Flour		2,875			15,215			70		18,160			3,632 00	3,632 00
Furniture.	24	2			1			4	24	7			1 40	5 00
Gypsum														
Glass (all kinds).	324	11							324	11			2 20	50 80
Hay (pressed).	181								181				27 15	27 15
Hogs.														
Horses.														
Hides and skins, horns and hoofs.		2								2			0 40	0 40
Fee					1,590				1,590				79 50	79 50

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Iron, railway	2,656	1,091	1,091	3,747	398 40	218 20	616 60
" pig	277	1,691	1,691	1,968	41 55	338 00	379 75
" all other	4,903	1,169	1,366	6,411	756 75	273 20	1,029 95
Iron ore			5,862	5,862		293 10	293 10
Lard and lard oil			4,812	4,812		962 40	962 40
Meal, all kinds			10,728	10,728		2,145 60	2,145 60
Meat, other than pork							
Marble			122	122	18 30		18 30
Manilla	46		46	46	6 90		6 90
Molasses	50		50	50	7 50		7 50
Nails	2,785		11	2,930	437 85	2 20	440 05
Oats		37,983	49,306	49,306		4,930 60	4,930 60
Oil (in barrels)	63	21,559	24,129	24,193	9 60	4,825 80	4,835 40
Oil cake							
Pease			11	11		1 10	1 10
Potatoes							
Pork			268	268		53 60	53 60
Paint	122		1	130	19 35	0 20	19 55
Pitch and tar	99			99	14 85		14 85
Rags							
Rye	373	705	1,411	1,784	55 95	141 10	197 05
Flaxseed		1,794	84,718	84,718		8,471 80	8,471 80
Rosin							
Salt	6	56	94	100	0 90	18 80	19 70
Stone intended for cutting							
" wrought							
" not suitable for cutting, unwrought							
Seeds, all kinds	18				2 70	1 20	3 90
Sheep			6	24			
Soda ash	25		30	55	3 75	6 00	9 75
Steel	105	2	2	108	15 90	0 40	16 30
Sugar	338		840	19,374	2,780 10	168 00	2,948 10
Spirits, beer, &c	1,213	294	984	2,216	184 30	196 80	381 60
Tobacco (raw)							
Tallow							
Tin	282			80	12 00		12 00
Turpentine				282	42 30		42 30
Wheat		282,348	320,426	320,426		32,042 60	32,042 60
White lead	36			36	5 40		5 40
Whiting							
Wool			89	89		17 80	17 80
All other goods and merchandise not enumerated	16,502	278	3,127	54,548	7,713 15	625 40	8,338 55
Bark							
Barrels, empty	1		2	3	0 15	0 26	0 41
Boat knees							

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Floats.														
Firewood, in vessels.											3,663		224 20	244 20
" rafts.								54						
Hoops.														
Hop poles.														
Lumber, sawn, in vessels.		2,231	1,861	35,237				1,839	1,861	67,008	68,869	334 72	12,056 37	12,391 09
" rafts.														
Masts, spars, and telegraph poles, in vessels.														
" rafts.														
Railway ties, in vessels.		37		812						849	849		135 67	135 67
" rafts.														
Saw logs.														
Staves and headings, barrel														
" pipe.														
" W. India														
Staves, salt barrel.						1,500				1,500	1,500		240 00	240 00
Shingles.						53				53	53		36 68	36 68
Split posts and fence rails, in vessels.														
" rafts.														
Timber, square, in vessels.		1,400						10,100		11,500	11,500		1,725 00	1,725 00
" rafts.														
Traverses.														
Woodenware and wood partly manufactured.	95								95		95	38 00		38 00
Total through freight heretofore paying tolls, now free.	31,843	366,836	1,990	36,109	84,205	237,224	7,161	328,621	125,199	968,790	1,093,989	26,517 37	120,489 58	141,006 95

Articles having paid full
tolls on the St. Lawrence
canals, free:—

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DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, APRIL 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 3.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$.	cts.	
Hop poles.....														
Lumber, sawn, in vessels.....		494						592		1,086	1,086		73 24	73 24
" rafts.....														
Masts, spars, and telegraph poles, in vessels.....		4							4		4		25	25
" rafts.....														
Railway ties, in vessels.....								1,561		1,561	1,561		156 02	156 02
" rafts.....														
Saw logs.....	147	53							147	53	200		13 44	14 04
Staves and headings, barrel													60	
" " pipe														
" " W. India														
Staves, salt barrel.....														
Shingles.....														
Split posts and fence rails, in vessels.														
" rafts.....														
Timber, square, in vessels..														
" rafts.....														
Traverses.														
Woodenware and wood partly manufactured...														
Total way freight heretofore paying tolls, now free.....	878	7,806					2,503		878	10,309	11,187	25 75	717 16	742 91

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Total tolls on Vessels.....	95 02	104 94	199 96
" " Passengers
Total Way Tolls.....	120 77	822 10	942 87

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

APPENDIX A—Continued.

No. (A) 4.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals and the Amount of Tolls heretofore collected, now Free, during the Season of Navigation in 1906.

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Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, pot and pearl	5	7							5	7	12	\$ 0 25	\$ cts. 1 40	\$ cts. 1 65
Apples	40	4,122							40	4,122	4,162	4 96	505 85	510 81
Agricultural products not enumerated, vegetables	617	2,730							617	2,730	3,347	66 17	388 43	454 60
Agricultural products not enumerated, animal	2,430	4,001							2,430	4,001	6,431	114 24	589 74	703 98
Agricultural implements	64	49			2				64	51	115	7 62	3 30	10 92
Barley	1,514	5,279							1,514	5,279	6,793	49 83	461 75	511 57
Bricks	12,958	218					165		13,123	218	13,341	626 00	8 21	634 21
Bones	22	77							22	77	99	0 86	11 03	11 89
Brimstone	2,187								2,187		2,187	199 04		199 04
Buckwheat		764								764	764		76 40	76 40
Cement and water-lime	1,936	636							1,936	636	2,572	149 49	73 23	222 72
Clay, lime and sand	37,414	19,134					8,208		45,622	19,134	64,756	1,794 77	723 18	2,517 95
Coal	245	46,225			80		255,167		245	301,472	301,717	36 30	43,516 20	43,552 50
Corn	1,930	17,366					8,628		1,930	25,994	27,924	122 44	1,089 37	1,211 81
Cattle	83	181							83	181	264	3 96	11 87	15 83
Cotton, raw														
Crockery and earthenware	580	280							591	280	871	114 44	48 60	163 04
Dye wood and dye stuffs	22								22		22	2 10		2 10
Fish	81	18							81	18	99	3 29	1 34	4 63
Flax and hemp	25								25		25	3 75		3 75
Flour	1,439	4,124							1,439	4,124	5,563	93 94	348 41	437 35
Furniture	1,060	2,686							1,060	2,686	3,746	170 40	387 90	558 30
Gypsum		9								9	9		1 35	1 35
Glass (all kinds)	3,629	610			483				4,112	610	4,722	807 64	111 20	918 84
Hay (pressed)	3,632	4,172							3,632	4,172	7,804	139 04	306 62	445 66
Hogs	68	4							68	4	72	2 67	0 24	2 91
Horses	528	883							528	883	1,411	24 20	47 87	72 07
Hides and skins, horns and hoofs	48	3							48	3	51	6 87	0 12	6 99
Ice														
Iron railway	7,695	177							7,695	177	7,872	1 134 15	7 20	1,138 35

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Iron, pig.....	4,050	41	175						41	4,266	622 71	4 30	627 01
" all other.....	35,308	3,924	1,022					36,977	3,934	40,911	3,402 01	268 01	3,670 02
" ore.....	150							150		150	1 88		1 88
Kryolite or Chemical Ore.....		25							25	25		2 82	2 82
Lard and lard oil.....	239	239	24					263	239	502	30 55	23 69	54 24
Meal, all kinds.....	57	148						57	148	205	5 11	10 11	15 22
Meat, other than pork.....	77	51						77	51	128	8 39	6 88	15 27
Marble.....	58	33						58	33	91	9 80	6 60	16 40
Manilla.....	93	1						93	1	94	18 54	0 05	18 59
Molasses.....	601	249						601	249	850	92 19	19 20	111 39
Nails.....	6,102	892	508					6,610	892	7,502	1,289 20	138 30	1,427 50
Oats.....	567	9,276						567	9,681	10,248	16 25	823 39	839 64
Oil (in barrels).....	1,151	742	118					1,269	742	2,011	241 96	110 60	352 56
Oil cake.....		8							8	8		0 60	0 60
Pease.....	40	1,947						40	1,947	1,987	1 50	124 86	126 36
Potatoes.....	134	119						134	119	253	5 55	8 11	14 66
Pork.....	207	102						207	102	309	19 63	5 10	24 73
Paint.....	1,231	289	25					1,256	289	1,545	244 52	48 90	203 42
Pitch and tar.....	329	27						1,378	27	1,405	112 54	2 10	114 64
Rags.....	201	41						201	41	242	21 42	7 70	29 12
Flaxseed.....	215	252						215	252	467	8 07	6 45	14 52
Rye.....		2							2	2		0 07	0 07
Rosin.....	55	18						660	18	678	33 52	0 90	34 42
Salt.....	4,696	356						5,014	356	5,370	465 00	30 68	485 68
Stone intended for cutting.....	232							232		232	8 71		8 71
" wrought.....	78	31						78	31	109	3 90	1 70	5 60
" not suitable for cutting, unwrought.....	1,000	3,134						1,000	3,134	4,134	150 00	88 65	238 65
Seeds, all kinds.....	1,305	18	37					1,342	18	1,360	64 02	1 26	65 28
Sheep.....	77	33						77	33	110	3 35	2 39	5 74
Soda ash.....	808	13						808	13	821	153 00	0 65	153 65
Steel.....	1,781	1,243						1,781	1,243	3,024	250 44	184 12	434 56
Sugar.....	15,673	673	610					16,283	673	16,958	3,225 36	92 55	3,317 91
Spirits, beer, &c.....	1,686	686	30					1,716	686	2,402	330 61	123 70	454 31
Tobacco (raw).....													
Tallow.....		1							1	1		0 15	0 15
Tim.....	4,153	41						4,153	41	4,194	823 05	7 45	830 50
Turpentine.....	61	108						113	108	221	14 43	20 85	35 28
Wheat.....	9,664	35,863						9,664	36,971	46,635	493 21	3,056 87	3,550 68
White lead.....	1,062	81	10					1,072	81	1,153	210 35	12 00	222 35
Whiting.....	636	66						636	66	702	126 62	11 15	137 77
Wool.....	1							1		1	0 10		0 10
All other goods and merchandise not enumerated	44,924	17,955	1,500					47,454	18,731	66,185	7,271 19	2,335 85	9,607 04
Bark.....													
Barrels empty.....	663	1						663			33 30	0 20	33 50
Boat knees.....													

No. (A) 4—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, &c. —Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Floats.....														
Firewood, in vessels. . . .	36,567	885	121,638						58,215	855	159,690	10,627 09	28 28	10,655 37
Firewood, in rafts.....														
Hoops.....														
Hop poles.....	50								50		50	6 00		6 00
Lumber, sawn, in vessels..	63,119	40,034	15,915						79,034	4,034	83,068	3,397 75	104 99	3,502 74
" " rafts.....	3,250	261							3,250	261	3,511	47 26	11 48	58 74
Masts, spars, and telegraph poles, in vessels.....														
Masts, spars, and telegraph poles, in rafts.....		13,575								13,575	13,575		339 40	339 40
Railway ties, in vessels..								220		220	220		18 70	18 70
" " rafts.....		12								12	12		1 39	1 39
Saw logs.....														
Staves and headings, barrel pipe.....														
" " W. India.....														
Staves, salt barrel.....														
Shingles.....														
Split posts and fence rails, in vessels.....														
Split posts and fence rails in rafts.....														
Timber square, in vessels..	4,710	120							4,710	120	4,830	263 00	1 88	264 88
" " rafts.....	40	3,828							40	3,828	3,868	7 75	139 45	147 20
Traverses.....														
Woodenware and wood partly manufactured....	123	8							123	8	131	42 80	1 60	44 40
Total freight, heretofore paying toll, now free..	327,476	215,207	142,326		131	735	11,943	265,443	481,876	481,385	963,261	39,888 74	56,933 24	96,821 98

Articles having passed the full length of the Welland Canal, free :—						
Ashes.....	..	..	..	42	..	42
Barley.....	18,723	..	..	2,473	..	21,196
Corn.....	40,407	..	..	15,152	..	55,559
Flour.....	3,420	..	..	5,754	..	9,174
Flaxseed....	76,546	..	..	4,024	..	80,570
Furniture....	6	..	..	..	..	6
Glass.....	11	..	..	..	..	11
Hides and skins.	2	..	..	..	..	2
Iron all other.	104	..	..	165	..	269
Lard and lard-oil.	3,428	..	..	1,382	..	4,810
Meal.....	60	..	..	..	..	60
Merchandise ..	336	..	..	130	..	466
Oats.....	37,164	..	..	..	..	37,164
Oils.....	18,616	..	..	379	..	18,995
Rye.....	1,405	..	..	..	..	1,405
Salt.....	75	..	..	..	..	75
Soda ash... ..	30	..	..	..	..	30
Wheat.....	289,236	..	..	375	..	289,611
Whiskey....	386	..	..	228	..	614
Lumber, in vessels.	..	..	..	100	..	100
Square timber ..	1,500	..	..	..	..	1,500
Staves (barrel)....	..	..	..	1,500	..	1,500
Coal, free per O. C . . .	118,007	..	..	28,994	2,518	149,697
Grand total freight....	444,483	706,840	142,326	131	735	1,033,716
				326,141	602,401	1,636,117
<hr/>						
Total tolls on vessels...						11,733 51
" passengers.						1,871 09
" free goods					\$67,795 84	
Total tolls..						53,493 34
Fines.....						
* Damages.....						
Wharfage and storage.						
Other receipts.....						
Total revenue, exclusive of hydraulic rents.						143,021 67

* Amount of damages not included in above, \$116.90.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

7-8 EDWARD VII., A. 1908

APPENDIX A—Continued.

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, and the Amount of Tolls heretofore collected, now Free, during the Season of Navigation in 1906.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	
Ashes, pot and pearl.....											7			
Apples.....	20	3,107							20	3,107	3,127		1 40	1 40
Agricultural products not enumerated, vegetables.....	353	2,537							353	2,537	2,890		466 05	469 05
Agricultural products not enumerated, animal.....	198	3,848							198	3,848	4,046		380 55	433 50
Agricultural implements.....	8	5							8	5	13		577 20	606 90
Barley.....		4,397								4,397	4,397		1 00	2 57
Bricks.....	1,083								1,083		1,083		439 70	439 70
Bones.....		70								70	70		162 45	162 45
Brimstone.....													10 50	10 50
Buckwheat.....		764								764	764		76 40	76 40
Cement and water-lime.....	125	438							125	438	563		65 70	84 45
Clay, lime and sand.....	120								120		120		18 75	18 00
Coal.....	240	42,312							240	283,908	284,148		36 00	42,519 13
Corn.....	509	511							509	2,610	3,119		76 09	337 64
Cattle.....														
Cotton (raw).....	527	228							538	228	766		107 60	153 60
Crockery and earthenware.....													46 00	
Dye wood and dye stuffs.....														
Fish.....		5								5	5		0 75	0 75
Flax and hemp.....	25								25		25		3 75	3 75
Flour.....	24	1,667							24	1,667	1,691		250 05	253 44
Furniture.....	683	1,666							683	1,666	2,349		334 00	470 55
Gypsum.....		9								9	9		1 35	1 35
Glass, all kinds.....	3,415	538							3,898	538	4,436		107 60	887 20
Hay, pressed.....		1,047								1,047	1,047		157 05	157 05
Hogs.....														
Horses.....	2	56							2	56	58		8 40	8 70
Hides and skins, horns and hoofs.....	45								45		45		6 75	6 75

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Iron, railway	208	177	208	177	385	8 10	7 20	15 30
" pig	634	20	634	20	654	84 06	1 15	85 21
" all other	19,191	2,878	19,838	2,878	22,716	834 31	109 61	943 92
Iron ore.....	150	.....	150	.....	150	1 88	.....	1 88
Kryolite.....	.....	25	.....	25	25	.....	2 82	2 82
Lard and Lard oil	165	110	165	110	275	16 11	4 34	20 45
Meal, all kinds.....	55	137	55	137	192	4 91	8 46	13 37
Meats, other than pork.....	56	7	56	7	63	5 24	0 28	5 52
Marble	12	.....	12	.....	12	0 60	.....	0 60
Manilla	6	1	6	1	7	1 14	0 05	1 19
Molasses.....	504	204	504	204	708	72 93	10 20	83 13
Nails	882	414	882	414	1,296	149 60	42 70	192 30
Oats.....	567	2,123	567	2,123	2,690	16 25	67 59	83 84
Oil (in barrels).....	317	252	317	252	569	51 60	12 60	64 20
Oil cake.....	.....	8	.....	8	8	.....	0 60	0 60
Pease.....	40	964	40	964	1,004	1 50	24 31	25 81
Potatoes.....	121	119	121	119	240	4 60	8 11	12 71
Pork	202	92	202	92	294	19 14	3 60	22 74
Paint.....	149	66	149	66	215	23 64	3 30	26 94
Pitch and tar.....	142	22	1,191	22	1,213	75 25	1 10	76 35
Rags.....	144	4	144	4	148	10 02	0 30	10 32
Rye .....	.....	2	.....	2	2	.....	0 07	0 07
Flaxseed.....	215	250	215	250	465	8 07	6 25	14 32
Rosin	55	18	660	18	678	33 52	0 90	34 42
Salt	3,886	209	4,204	209	4,413	330 71	8 63	339 34
Stone intended for cutting.....	232	.....	232	.....	232	8 71	.....	8 71
" wrought	78	30	78	30	108	3 90	1 50	5 40
" stone not suitable for cutting, unwrought.....	1,000	3,134	1,000	3,134	4,134	150 00	88 65	238 65
Seeds, all kinds.....	1,247	13	1,247	13	1,260	49 77	0 51	50 28
Sheep.....	77	33	77	33	110	3 35	2 39	5 74
Soda ash.....	76	13	76	13	89	6 60	0 65	7 25
Steel.....	403	21	403	21	424	43 74	0 82	44 56
Sugar.....	800	281	800	283	1,083	128 91	14 15	143 06
Spirits, beer, &c.....	656	90	656	90	746	118 61	1 50	123 11
Tobacco (raw).....	.....	.....	.....	.....	.....	.....	.....	.....
Tallow.....	.....	.....	.....	.....	.....	.....	.....	.....
Tin	124	5	124	5	129	17 25	0 25	17 50
Turpentine	10	5	62	5	67	4 23	0 25	4 48
Wheat	8,350	8,545	8,350	8,545	16,895	296 11	214 27	510 38
White lead	272	28	272	28	300	50 39	1 40	51 79
Whiting.....	58	13	58	13	71	11 02	6 65	11 67
Wool.....	1	.....	1	.....	1	0 10	.....	0 10
All other goods and merchandise not enumerated.....	18,465	9,748	19,495	10,399	29,894	1,682 38	609 45	2,351 83
Bark.....	.....	131	.....	.....	.....	.....	.....	.....
Barrels, empty.....	641	.....	641	.....	641	28 94	.....	28 94
Boat knees.....	.....	.....	.....	.....	.....	.....	.....	.....
Floats .....	.....	.....	.....	.....	.....	.....	.....	.....
Firewood, in vessels.....	911	885	911	885	1,796	15 49	28 28	43 77

APPENDIX A—Continued.

No. (A.) 6.—GENERAL STATEMENT showing Quantity of each Way Through Article transported on the St. Lawrence Canals and the Amount of Tolls heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.		Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.
Firewood, in rafts.															
Hoops.															
Hop poles.	50								50		50	6 00			6 00
Lumber, sawn, in vessels.	56,624	4,034							56,624	4,034	60,638	1,461 75		104 99	1,566 74
" rafts.	3,250	261							3,250	261	3,511	47 26		11 48	58 74
Masts, spars and telegraph poles, in vessels.															
Masts, spars and telegraph poles, in rafts.		13,575								13,575	13,575			339 40	339 40
Railway ties, in vessels.															
" rafts.		12								12	12			1 39	1 39
Saw logs.															
Staves and headings, barrel															
" " pipe.															
" " West															
India.															
Staves, salt barrel.															
Shingles.															
Split posts and fence rails, in vessels.															
Split posts and fence rails, in rafts.															
Timber, square, in vessels.	510	120							510	120	630	53 00		1 88	54 88
" rafts.	40	3,228							40	3,228	3,268	7 75		79 45	87 20
Traverses.															
Woodenware and wood partly manufactured.	34	8							34	8	42	7 20		1 60	8 80
Total freight heretofore paying tolls, now free.	186,790	102,550			131	735	11,943	20,100	198,864	123,385	322,249	9,063 45		4,932 31	13,995 76

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Coal, free, per Order-in-Council	111,258	2,518	113,776	113,776
Grand total, way freight ..	298,048	102,550	131	735	14,461	20,100	312,640	123,385
Total tolls, on vessels.....										
" passengers..										
" free goods..										
Total way tolls.....										

SESSIONAL PAPER No. 20a

[illegible]

No. (A) 7.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue Collected, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Fire wood, in vessels.		12,744								12,744	12,744	486 73
" rafts.	540	1,200							540	1,200	1,740	14 50
Hoops.		8								8	8	0 67
Hop poles.												
Lumber, sawn, in vessels.	238,581	60,177							238,581	60,177	298,758	22,738 25
" rafts		1,053								1,053	1,053	11 45
Masts, spars, and telegraph poles, in vessels.												
" " rafts												
Railway ties, in vessels.		75					2,325			2,400	2,400	521 45
" rafts		32								32	32	2 67
Saw logs												
Staves and headings, barrel.												
" " pipe.												
" " West India												
Staves, salt barrel.												
Shingles.												
Split posts and fence rails, in vessels.												
" " rafts.												
Timber, square, in vessels.		8					25			33	33	25 98
" rafts.		2,470								2,470	2,470	47 79
Traverses.												
Woodenware and wood partly manufactured.												
Total freight heretofore paying tolls, now free, per order in council.	240,158	145,210					2,350		240,158	147,560	387,718	27,372 07
Floats.		8,040								8,040	8,040	
Lumber sawn (in rafts).		25								25	25	
Railway ties		32								32	32	
Timber, square		1,600								1,600	1,600	
Freight, grand total	240,158	154,907					2,350		240,158	157,257	397,415	

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Total tolls on vessels.....	3,112 47
" passengers.....	214 66
" free goods.....	\$85 94
Total tolls	30,729 20
Fines	10 00
Wharfage.....	.....
Other receipts.....	.....
Total revenue exclusive of hydraulic rents.....	30,739 20

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.												\$ cts.
Apples.		706						678		1,384	1,384	98 81
Agricultural products not enumerated, vegetables.												
" animals.		58		130				23	130	81	211	17 28
Agricultural implements.	111	10							111	10	121	4 39
Barley.		5							5	5		17
Bricks.	347						889		347	889	1,236	123 14
Bones.												
Brinestone.												
Buckwheat.												
Cement and water-lime.	200			325					525		525	30 45
Clay, lime and sand.	1	1		85			13,395		86	13,396	13,482	1,364 98
Coal.	3						62,951		3	62,951	62,954	6,123 07
Corn.	21	3							21	3	24	1 03
Cattle.	2	126							2	126	128	4 55
Cotton (raw).												
Crockery and earthenware.	10	33							10	33	43	3 64
Dye wood and dye stuffs.							14			14	14	1 49
Fish.												
Flax and hemp.												
Flour.	914	31							914	31	945	31 92
Furniture.	13	32							13	32	45	1 57
Gypsum.												
Glass (all kinds).	3	8					3		8	11		39
Hay (pressed).	100	7,377		5,975			460		6,075	7,837	13,912	715 79
Hogs.		13								13	13	46
Horses.	5	23							5	23	28	1 05
Hides and skins, horns and hoofs.		2								2	2	08
Ice.												
Iron, railway.	207						326		207	326	533	39 63
" pig.												
" all other.	263	5					883		263	888	1,151	97 49
Iron ore.							16,909			16,909	16,909	846 01

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Kryolite or chemical ore	40	1,667	40	1,667	1,707	86 02
Lard and lard oil	140		140		140	4 75
Meal, all kinds.						
Meat, other than pork						
Marble						
Manilla	80	2	80	2	82	2 87
Molasses	94		94		94	3 30
Nails	1,065			1,065	1,065	35 75
Oats	146	59	146	59	205	11 01
Oil (in barrels)	7		7		7	0 24
Oil cake					3	0 11
Pease	2	65	2	65	67	2 37
Potatoes	19			19	19	0 71
Pork	49	1	49	1	50	1 90
Paint	1	579	1	579	640	57 94
Pitch and tar						
Rags						
Rye						
Flaxseed						
Rosin	437	2,133	437	2,133	2,133	279 61
Salt		336		340	777	51 94
Stone intended for cutting		364		364	364	36 40
" wrought		179		179	179	17 90
" not suitable for cutting, unwrought		3,380		3,380	3,380	219 70
Seeds, all kinds	39	4	39	4	48	1 73
Sheep					85	3 04
Soda ash						
Steel	7		7		7	24
Sugar	218		218		221	7 63
Spirits, beer, &c.	112		112		112	3 84
Tobacco (raw)						
Tallow						
Tin		118		148	148	14 80
Turpentine					11	39
Wheat	11		11			
White lead						
Whiting	1		1		1	04
Wool						
All other goods and merchandise not enumerated	1,637	2,494	1,637	3,495	5,132	334 71
Bark						
Barrels, empty	12		12	99	111	4 58
Boat knees						
Floats						
Fire wood, in vessels		498	267,425	498	267,923	8,938 99
" rafts						
Hoops						
Hop poles						
Lumber, sawn, in vessels	343	98,418	98,761	165	98,926	5,625 82
" rafts						

No. (A) S.—(GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, &c. —*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Masts, spars, and telegraph poles, in vessels												\$
" " rafts			213						213		213	cts.
Railway ties, in vessels												17 00
" " rafts												
Saw-logs												
Staves and headings, barrel												
" " pipe												
" " West India												
Staves, salt barrel									650		650	13 28
Shingles												
Split posts and fence rails, in vessels												
" " rafts									307	307	337	27 92
Timber square, in vessels									425		425	34 00
" " rafts												
Traverses									1	1	1	0 10
Woodenware and wood partly manufactured												
Total freight heretofore paying tolls, now free.	6,681	11,345	372,571						108,342	379,252	498,939	25,347 93
Total tolls on vessels												4,764 77
" passengers												76 48
Total toll												30,189 18
Fines												
Other receipts												
Total revenue exclusive of hydraulic rents												30,189 18

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A--Continued.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal and the Amount of Tolls heretofore Collected, now Free, during the Season of Navigation in 1906.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.												\$ cts.
Apples.	4	240							4	240	244	5 96
Agricultural products not enumerated, vegetables.	26	19							26	19	45	1 27
" animal.	100	1,482							100	1,482	1,582	51 96
Agricultural implements	111	142							111	142	253	28 25
Barley		50								50	50	1 17
Bricks.	357	421							357	421	778	20 75
Bones.	1								1		1	0 03
Brimsstone												
Buckwheat												
Cement and water-lime.	123	549							123	549	672	25 59
Clay, lime and sand.	11,290	8,446							11,290	8,446	19,736	464 35
Coal.		212					9,778			9,990	9,990	381 62
Corn.	7	197							7	197	204	4 94
Cattle.	1								1		1	0 03
Cotton (raw).												
Crockery and earthenware												
Dye wood and dye stuffs.	4	31							4	31	35	3 15
Fish.												
Flax and hemp.												
Flour	163	253							163	253	416	10 82
Furniture	49	35							49	35	84	7 50
Gypsum.												
Glass (all kinds)	119	35							119	35	154	14 35
Hay (pressed)	831	20							831	20	851	20 30
Hogs												
Horses.	3	2							3	2	5	0 17
Hides and skins, horns and hoofs.		4								4	4	0 12
Ice												
Iron, railway.												
" pig.	164								164		164	3 92
" all other.	941	23							941	23	964	27 67

Wheat	3	893						893		20 94
White lead	276	1						277		30 86
Whiting	52							52		4 53
Wool										
All other goods and merchandise not enumerated.	2,567	2,664						5,231		513 05
Bark	5							5		0 12
Barrels, empty	2	57						59		7 24
Boat knees										
Floats										
Firewood, in vessels	2,118	2,304						4,422		96 52
" rafts										
Hoops										
Hop poles										
Lumber, sawn, in vessels	5,486	13,057	2,667	4,936		26		26,172		1,415 63
" rafts										
Masts, spars, and telegraph poles, in vessels	10							10		0 27
" rafts										
Railway ties, in vessels	365							365		10 50
" rafts										
Saw logs	131							131		3 00
Staves and headings, barrel										
" pipe										
" West India										
Staves, salt barrel										
Shingles	303	15				2		323		70 77
Split posts and fence rails, in vessels	2							2		0 16
" rafts										
Timber, square, in vessels										
" rafts										
Traverses										
Woodenware and wood partly manufactured										
Total freight heretofore paying tolls, now free	30,965	33,785	2,667	4,936		9,806	33,632	48,527	82,159	3,692 90
Total toll on vessels										2,371 57
" passengers										760 44
Total tolls										6,824 91
Wharfage										6 00
Winterage										40 00
Other receipts										237 00
Total revenue, exclusive of hydraulic rents										7,107 91

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APPENDIX A—Continued.
No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal and the Amount of Tolls heretofore collected, now free, during the Season of Navigation in 1906.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.	131	1							131	1	132	1 32
Apples.	444	4							444	4	448	4 48
Agricultural products not enumerated, vegetables.	5								5		5	0 05
" " animal.	5								5		5	0 05
Agricultural implements												
Barley.	895								895		895	8 95
Bricks	7								7		7	0 07
Bones												
Brimstone.												
Buckwheat.												
Cement and water-lime.	321	578							321	578	899	8 99
Clay, lime and sand	4	867							4	867	871	8 71
Clay, lime and sand	283	39,631							283	39,631	39,914	399 14
Coal.	39								39		39	0 39
Corn.	2								2		2	0 02
Cattle.												
Cotton (raw).	15								15		15	0 15
Crockery and earthenware												
Dye wood and dye stuffs												
Fish.	101	1,615							101	1,615	1,716	17 16
Flax and hemp.												
Flour	1,358	102							1,358	102	1,460	14 60
Furniture.	4	1							4	1	5	0 05
Gypsum.												
Glass (all kinds).	15								15		15	0 15
Hay (pressed)	1,881	10							1,881	10	1,891	18 91
Hogs												
Horses.	3								3		3	0 03
Hides and skins, horns and hoofs.	6								6		6	0 06
Ice.												
Iron, railway.	25								25		25	0 25
" pig	5								5		5	0 05
" all other.	158	226							158	226	384	3 84

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Iron ore.....	50					50		0 50
Kryolite.....								
Lard and lard oil.....								
Meal, all kinds.....	685	22				707		7 07
Meat, other than pork.....	143	11				154		1 54
Marble.....	2	2,307				2,309		23 09
Manilla.....	14					14		0 14
Molasses.....	390	25				415		4 15
Nails.....	34					34		0 34
Oats.....	1,851	17				1,868		18 68
Oil (in barrels).....	220	63				283		2 83
Oil cake.....								
Pease.....	4					4		0 04
Potatoes.....	5,090					5,090		50 90
Pork.....	144					144		1 44
Paint.....	10					10		0 10
Pitch and tar.....	6					6		0 06
Rags.....		1				1		0 01
Rye.....								
Flaxseed.....								
Rosin.....	4					4		0 04
Salt.....	938					938		9 38
Stone intended for cutting.....	2					2		0 02
" wrought.....								
" not suitable for cutting, unwrought.....		3,699				3,699		36 99
Seeds, all kinds.....								
Sheep.....	1					1		0 01
Soda ash.....								
Steel.....								
Sugar.....	202	20				222		2 22
Spirits, beer, &c.....	68	15				83		0 83
Tobacco (raw).....								
Tallow.....								
Tin.....	71	1				72		0 72
Turpentine.....								
Wheat.....								
White lead.....								
Whiting.....								
Wool.....								
All other goods and merchandise not enumerated.....	981	80				1,061		10 61
Bark.....								
Barrels, empty.....	37	16				53		0 53
Boat knees.....						217		2 17
Floats.....								
Firewood, in vessels.....		217				217		2 17
" rafts.....								
Hoops.....	5					5		0 05
Hop poles.....								
Lumber, sawn, in vessels.....	9,319	84				9,403		94 03
" rafts.....								

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Masts, spars, and telegraph poles, in vessels	15								15		15	\$ 0 15
" " rafts												
Railway ties, in vessels										43	43	0 43
" " rafts		43										
Saw logs												
Staves and headings, barrel												
" " pipe												
" " West India												
Staves, salt barrel	368								368		368	3 68
Shingles												
Split posts and fence rails, in vessels												
" " rafts	310								310		310	3 10
Timber, square, in vessels												
" " rafts												
Traverses												
Woodenware and wood partly manufactured												
Total freight heretofore paying tolls, now free	26,671	49,656							26,671	49,656	76,327	763 27
Total tolls on vessels												1,895 43
Other receipts												\$2,658 70
Total receipts												

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

Tolls heretofore collected, now free, during the Season of Navigation in 1906.

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APPENDIX A Continued.

No. (A) 12.—(GENERAL STATEMENT showing the Quantity of each Article transported on the Murray Canal, and the Amount of Tolls heretofore collected, now free, during the Season of Navigation in 1906.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.	15	222							15	222	237	4 52
Apples.	483	383							483	383	866	16 52
Agricultural products not enumerated, vegetables.	305	177							305	177	482	9 24
" " annual	4	5							4	5	9	0 25
Agricultural implements.										94	94	1 77
Barley.		94								7	131	2 50
Bricks.	124	7							124			
Bones.												
Brimstone.												
Buckwheat.		1								1	1	0 02
Cement and water-lime.	12								12		12	0 22
Clay, lime and sand												
Coal.	300	1,143					3,350		300	4,493	4,793	89 90
Corn.		51								51	51	1 02
Cattle.												
Cotton (raw).												
Crockery and earthenware	210	157							210	157	367	9 25
Dry wood and dye stuffs	10	10							10	10	20	0 51
Fish.	10	10							10	10	20	0 40
Flax and hemp												
Flour.	34								34		34	0 68
Furniture.	334	274							334	274	608	15 45
Gypsum.												
Glass (all kinds).	459	260							459	260	719	17 94
Hay (pressed).												
Hogs.												
Horses.	8								8		8	0 16

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[illegible]

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.												\$ cts.
Firewood, in vessels.		450							1,029	450	1,479	12 33
" rafts.												
Hoops.												
Hop poles.												
Lumber, sawn, in vessels.	58		1,487						1,545		1,545	17 45
" rafts.												
Masts, spars and telegraph poles, in vessels.												
" rafts.												
Railway ties, in vessels.												
" rafts.												
Saw logs.												
Staves and headings, barrel.												
" pipe.												
" West India.												
Staves, salt barrel.												
Shingles.												
Split posts and fence rails, in vessels.			2						2		2	0 68
" rafts.												
Timber, square, in vessels.	248								248		248	15 65
" rafts.												
Traverses.												
Woodenware and wood partly manufactured.	5								5		5	0 29
Total freight heretofore paying tolls, now free.	11,814	9,555	3,008				3,350		14,822	12,905	27,727	605 36
Total tolls on vessels.												287 87
" passengers.												389 79
Total revenue, exclusive of hydraulic rents.												1,283 02

DEPARTMENT OF RAILWAYS AND CANALS, OTTAWA, April 5, 1907. RICHARD DEVLIN, Compiler of Canal Statistics.

No. 13.—GENERAL STATEMENT showing the Quantity of each Article transported on the Sault Ste. Marie Canal during the Season of Navigation in 1906.—*Continued.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.	1,837								1,837		1,837	
Apples.	72								72		72	
Agricultural products not enumerated, vegetables												
" " animal.												
Agricultural implements.	1,511	327							1,511	327	1,838	
Barley.		13,152				70,606		1,789		85,547	85,547	
Bricks.	26						976		1,002		1,002	
Bones.												
Brimstone.												
Buckwheat.												
Cement and water-lime.	18,850	1,200	16,339		4,238				39,427	1,200	40,627	
Clay, lime and sand.		1,900					160		160	1,900	2,060	
Coal.	9,909		8,442		779,735	2,950	424,975	12,000	1,223,061	14,950	1,238,011	
Corn.						1,716		2,352		4,068	4,068	
Cattle.	16								16		16	
Cotton (raw).	20								20		20	
Crockery and earthenware.	828								828		828	
Dye wood and dye stuffs.	20								20		20	
Fish.	10	806						41	10	847	857	
Flax and hemp.												
Flour.	393	90,066		117	2,556	168,803		9,122	2,449	268,108	271,057	
Furniture.	214								214		214	
Gypsum.												
Glass (all kinds).	2,620								2,620		2,620	
Hay (pressed).	1,180	2					51		1,231	2	1,233	
Hogs.												
Horses.	16	9							16	9	25	
Hides and skins, horns and hoofs.		12				27				39	39	
Ice.												
Iron, railway.	23,477	48,848	1,868	3,318	24,627		13,051		63,023	52,166	115,189	

No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on the Sault Ste. Marie Canal—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Iron, pig.....	14,797								14,797		17,797
" all other.	7,211	138	430		7,130		2,732		17,503	138	17,641
Copper ore.....						8,976				8,976	8,976
Iron ore.....		11,467		44,628	5,096	2,697,946	13,154	145,325	18,250	2,929,366	2,947,616
Kryolite or chemical ore.....											
Lard and lard oil ..	103					14,691			103	15,534	103
Meal, all kinds ..		843									15,534
Meat, other than pork ..											
Marble.....	40								40		40
Manilla.....	1,766								1,766		1,766
Molasses.....	295								295		295
Nails.....	7,526	1,430	150						7,676	1,430	9,106
Oats.....	90	90,490				53,411		60	90	143,961	144,051
Oil, in barrels ..	675								675		675
Oil cake.....		80								80	80
Pease.....											
Potatoes.....	50								50		50
Pork.....											
Paint.....	222								222		222
Pitch and tar ..	256								256		256
Rags.....											
Rye.....						3,934				3,934	3,934
Flax-seed.....		6,640				83,825		19,051		109,516	109,516
Resin.....											
Salt.....	655	1,080	100		10,574		1,400		12,729	1,080	13,809
Stone intended for cutting.....											
" wrought.....	20								20		20
" not suitable for cutting, unwrought ..		75			1,250				1,250	75	1,325
Seeds, all kinds ..											
Sheep.....	1	1							1	1	2
Soda ash.....	62								62		62
Steel.....	799								799		799
Sugar.....	3,899	20			100				3,999	20	4,019
Spirits, beer, &c.....	3,929								3,929		3,929

APPENDIX

No. (A) 14.—STATEMENT of Traffic on the undermentioned Canals, and the Amount

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian vessels, steam.....	491,977	8,078 25	962,240	7,727 82	72,116	259 82
United States vessels, steam....	621,397	9,313 17	190,305	1,546 56	227	3 75
Canadian vessels, sail.....	141,808	3,086 25	1,057,339	11,078 75	27,197	291 92
United States vessels, sail.....	30,418	658 25	107,813	1,345 60	305,184	4,209 28
Total, Class No. 1.....	1,285,600	21,135 92	2,317,697	21,698 73	404,724	4,764 77
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	1,468	146 15	107,813	6,311 83	4,203	76 48
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....			13,341	634 21	1,236	123 14
Brimstone.....			2,187	199 04		
Cement and water-lime.....	3	50	2,572	222 72	525	30 45
Clay, lime and sand.....	350	43 75	64,756	2,517 95	13,482	1,364 98
Fish.....			99	4 63		
Gypsum.....			9	1 35		
Iron, railway.....	3,747	616 60	7,872	1,138 35	533	39 63
" pig.....	1,968	379 75	4,266	627 01		
" all other.....	6,525	1,032 46	40,911	3,670 02	1,151	97 49
Steel.....	128	16 74	3,024	434 56	7	24
Salt.....	100	19 70	5,370	485 68	777	51 94
Stone, for cutting.....			232	8 71	364	36 40
Apples.....			4,162	510 81	1,384	98 81
Barley.....	31,446	3,144 60	6,793	511 57	5	17
Buckwheat.....			764	76 40		
Corn.....	211,805	21,180 50	27,924	1,211 81	24	1 03
Cotton (raw).....						
Flax and hemp.....			25	3 75		
Flour.....	18,294	3,634 95	5,563	437 35	945	31 92
Hay (pressed).....	181	27 15	7,804	445 66	13,912	715 79
Meals (all kinds).....	10,728	2,145 60	205	15 22	140	4 75
Oil cake.....			8	60	7	24
Oats.....	49,306	4,930 60	10,248	839 64	1,065	35 75
Pease.....	11	1 10	1,987	126 36	3	11
Potatoes.....			253	14 66	67	2 37
Rye.....	1,784	197 05	2	0 07		
Flaxseed.....	84,718	8,471 80	467	14 52		
Seeds (all kinds).....	24	3 90	1,360	65 28	48	1 73
Tobacco (raw).....						
Wheat.....	326,798	32,440 86	46,635	3,550 08	11	39
All other agricultural products, vegetables.....	22	3 35	3,347	454 60		
Bones.....			99	11 89		
Cattle.....			264	15 83	128	4 55
Hogs.....			72	2 91	13	0 46
Hides and skins, horns and hoofs.....	2	0 40	51	6 99	2	0 08
Horses.....			1,411	72 07	28	1 05
Lard and lard oil.....	4,812	962 40	502	54 24		
Meats (other than pork).....			128	15 27		
Pork.....	268	53 60	309	24 73	19	0 71
Sheep.....			110	5 74	85	3 04
Tallow.....	80	12 00	1	15		
Wool.....	89	17 80	1	0 10		
All other agricultural products, animal.....			6,431	703 98	211	17 28
Total, class No. 3.....	753,189	79,337 16	271,565	19,136 51	36,172	2,664 50

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A—Continued.

of Tolls heretofore collected, now free, during the Season of Navigation in 1906.

Murray Canals.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canal.		Sault Ste. Marie Canals.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
221,401	249 25	116,280	964 99	167,539	1,588 84	26,450	529 03	75,629	492 26	1,834,352
363	2 50	147	2 40	992	24 15	477	9 54	.....	.....	4,140,843
12,379	35 87	118,899	1,511 78	33,763	641 55	67,790	1,356 86	5,171	31 00	124,900
29	0 25	27,519	663 30	5,235	117 03	.....	.....	.....	.....	259,029
234,172	287 87	262,845	3,142 47	207,529	2,371 57	94,717	1,895 43	80,800	523 26	6,359,124
No.		No.		No.		No.		No.		No.
32,039	389 79	17,600	214 66	27,917	760 44	.....	.....	33,176	262 19	32,284
Tons.		Tons.		Tons.		Tons.		Tons.		
131	2 50	.....	.....	778	20 75	895	8 95	330	4 05	1,002
12	0 22	273	26 09	672	25 59	899	8 99	36	0 36	40,627
.....	.....	38,930	2,004 23	19,736	464 35	871	8 71	.....	.....	2,060
20	0 40	.....	.....	.....	.....	1,716	17 16	.....	.....	857
694	12 64	.....	.....	.....	.....	25	0 25	.....	.....	115,189
280	5 40	.....	.....	164	3 92	5	0 05	.....	.....	14,797
1,639	31 01	46	3 12	964	27 67	384	3 84	.....	.....	17,641
643	12 19	.....	.....	31	1 09	.....	.....	.....	.....	799
409	7 79	.....	.....	2,722	69 02	938	9 38	.....	.....	13,809
.....	.....	.....	.....	161	7 52	2	0 02	.....	.....	.....
237	4 52	52	3 06	244	5 96	132	1 32	.....	.....	1,837
94	1 77	.....	.....	50	1 17	.....	.....	15	0 15	85,547
1	0 02	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	1 02	.....	.....	204	4 94	39	0 39	7	0 07	4,068
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
34	0 68	97	9 24	416	10 82	1,460	14 60	71	0 91	271,057
.....	.....	939	79 52	851	20 30	1,891	18 91	.....	.....	1,233
.....	.....	5	0 49	151	3 58	707	7 07	2	0 02	15,534
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
12	0 23	1,510	144 11	1,226	49 73	1,868	18 68	.....	.....	144,051
.....	.....	.....	.....	.....	.....	4	0 04	121	1 21	.....
15	0 28	218	13 20	67	1 66	5,090	50 90	93	0 93	10
.....	.....	.....	.....	.....	.....	.....	.....	18	0 18	3,934
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	109,516
.....	.....	.....	.....	23	0 54	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	0 06	.....	.....	.....	.....	.....
27	0 54	.....	.....	896	20 94	.....	.....	695	6 95	1,031,679
866	16 52	5	0 30	45	1 27	448	4 48	.....	.....	72
.....	.....	.....	.....	1	0 03	7	0 07	.....	.....	.....
.....	.....	521	43 19	1	0 03	2	0 02	.....	.....	16
.....	.....	92	8 22	.....	.....	.....	.....	188	1 88	.....
10	0 20	9	0 93	4	0 12	6	0 06	.....	.....	39
8	0 16	205	13 35	5	0 17	3	0 03	.....	.....	25
103	2 05	3	0 30	195	6 71	.....	.....	.....	.....	103
138	2 72	.....	.....	27	0 66	154	1 54	.....	.....	.....
6	0 12	5	0 38	83	2 00	144	1 44	.....	.....	.....
.....	.....	343	32 75	.....	.....	1	0 01	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,219
482	9 24	2,338	225 32	1,582	51 96	5	0 05	1	0 01	7
5,912	112 22	45,591	2,607 80	31,301	802 56	17,696	176 96	1,577	17 72	1,878,870

APPENDIX

No. (A) 11.—STATEMENT of Traffic on the undermentioned Canals and the amount

Articles.	Welland Canal.		St. Lawrence Canal.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
Class No. 4.						
Ashes, pot and pearl...	42	8 40	12	1 65		
Agricultural implements...	1,682	277 00	115	10 92	121	4 39
Crockery and earthenware...	48	7 20	871	163 04	43	3 64
Dry woods and dry stuffs...			22	2 10	14	1 40
Furniture...	31	5 00	3,746	558 30	45	1 57
Glass (all kinds)...	335	50 80	4,722	918 84	11	39
Marble...	122	18 30	91	16 40		
Manilla...	46	6 90	94	18 59		
Molasses...	50	7 50	850	111 39	82	2 87
Nails...	2,930	440 05	7,502	1,427 50	94	3 30
Oil (in barrels)...	24,193	4,835 40	2,011	352 56	205	11 01
Paint...	130	19 55	1,545	293 42	50	1 90
Pitch and tar...	99	14 85	1,405	114 64	640	57 94
Rags...			242	29 12		
Rosin...			678	34 42	2,133	279 61
Soda ash...	55	9 75	821	153 65		
Sugar...						
Stone (wrought)...	19,466	2,950 12	16,958	3,317 91	221	7 63
Tin...			109	5 60	179	17 90
Turpentine...	2 82	42 30	4,194	830 50		
White lead...			221	35 28	148	14 80
Whiting...	36	5 40	1,153	222 35		
Whiskey and all other spirits...			702	137 77	1	0 04
Merchandise (not enumerated)...	2,216	331 60	2,402	454 31	112	3 84
	54,719	8,345 83	66,185	9,607 04	5,132	334 71
Total, class No. 4...	106,482	17,425 95	116,651	10,817 30	9,231	746 94
Class No. 5.						
Bark...						
Barrels (empty)...	3	0 41	664	33 50	111	4 58
Boat knees...						
Floats...	10	0 50				
Fire wood (in vessels)...	4,623	280 20	109,090	10,655 37	267,923	8,938 99
" (in rafts)...						
Lumber sawn (in vessels)...	69,955	12,464 33	83,068	3,502 74	98,926	5,625 82
" (in rafts)...			3,511	58 74		
Hoops...						
Railway ties (in vessels)...	2,410	291 69	220	18 70	213	17 00
" (in rafts)...			12	1 39		
Masts, spars and telegraph poles (in vessels)...	4	0 25				
Masts, spars and telegraph poles (in rafts)...			13,575	339 40		
Square timber (in vessels)...	11,500	1,725 00	4,830	264 88	337	27 92
" (in rafts)...			3,868	147 20	425	34 00
Woodenware and wood partly manu- factured...	95	38 00	131	44 40	1	0 10
Shingles...	53	36 68			650	13 28
Split posts and fence rails (in vessels)...						
" " (in rafts)...						
Saw logs...	200	14 04				
Staves and headings (barrel)...						
" " (pipe)...						
" " (West India)...						
" " (salt barrel)...	1,500	240 00				
Traverses...						
Hop poles...			50	6 00		
Total, class No. 5...	90,353	15,091 10	269,019	15,072 32	368,586	14,661 69

A—Continued.

Murray Canal		Ottawa Canal.		Rideau Canal.		St. Peters Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
9	0 25	7	1 06	253	28 25	5	0 05	15	0 15	1,838
367	9 25	4	0 40	35	3 15	15	0 15			828
20	0 51									20
608	15 45	80	9 77	84	7 50	5	0 05	3	0 09	214
719	17 94	20	2 27	154	14 35	15	0 15			2,620
10	0 26			3	0 26	2,309	23 09			40
				11	0 96	14	0 14			1,766
138	3 44	4	0 58	109	9 54	415	4 15			295
483	12 18	1	0 19	686	71 78	34	0 34			9,106
863	21 37	3	0 57	466	41 29	283	2 83			675
528	13 37			89	9 10	10	0 10			222
17	0 43	24	46 93	144	12 91	6	0 06			256
48	1 23	40	7 60	50	4 39	1	0 01			
						4	0 04			
										62
1,201	30 17			714	76 75	222	2 22			4,019
200	3 75									20
48	1 24			17	1 59	72	0 72			1,190
162	4 14			13	1 14					20
335	8 50			277	30 86					245
179	4 54			52	4 53					324
461	11 64	11	2 09	756	66 27	83	0 83			3,929
6,696	167 12	5,044	678 01	5,231	513 05	1,061	10 61	247	7 41	310,321
13,092	326 78	5,461	749 47	9,144	897 67	4,554	45 54	265	7 65	338,010
1	0 03	98	17 18	5	0 12					8
				59	7 24	53	0 53			101
		17,330	148 13							
1,479	12 33	12,744	486 73	4,422	96 52	217	2 17	3,663	48 90	
		1,740	14 50					8,404	88 21	9,231
1,545	17 45	298,758	22,738 25	26,172	1,415 63	9,403	94 03	1,815	55 03	55,615
		1,053	11 45							
		8	0 67			5	0 05			89
		2,400	521 45	365	10 50					
		32	2 67					25	1 00	
				10	0 27	15	0 15			
248	15 65	33	25 98			310	3 10			1,155
		2,470	47 79					525	10 50	1,327
										10
5	0 29									
				323	70 77	368	3 68	37	1 07	15,221
2	0 08			2	0 16					
				131	3 00					

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No. (A) 14.—STATEMENT of Traffic on the undermentioned Canals and the amount

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Special Class.</i>						
Coal.....	147,587	29,517 40	301,717	43,552 50	62,954	6,123 07
Kryolite or chemical ore.....			25	2 82	1,707	86 02
Copper ore.....						
Iron ore.....	5,862	293 10	150	1 88	16,909	846 01
Stone (unwrought, not suitable for cutting).....	113	5 63	4,134	238 65	3,380	219 70
Ice.....	1,590	79 50				
Total, special class.....	155,152	29,895 65	306,026	43,795 85	84,950	7,274 80
Total freight and tolls.....	1,105,176	163,031 93	963,261	124,832 54	498,939	30,189 18
Timber and other wood, free.....	57,218	4,026 60	3,100	408 00		
Wheat, corn, flour, iron, salt, coal &c., free.....	39,573	5,935 95	669,756	67,387 84		
Grand totals (passengers and tonnage of vessels not included.)..	1,201,967	172,994 48	1,636,117	192,628 38	498,939	30,189 81

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

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of Tolls heretofore collected, now free, during the Season of Navigation of 1906.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peters Canal.		Trent Valley Canal.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
4,793	89 90	.....	.....	9,990	381 62	39,914	399 14	8	0 08	1,238,011
.....	.....	.....	.....	235	6 84	50	0 50	.....	.....	.....
100	5 00	.....	.....	.....	.....	.....	.....	.....	.....	8,976
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,947,616
60	1 13	.....	.....	.....	.....	3,699	36 99	.....	.....	1,325
490	24 50	.....	.....	.....	.....	.....	.....	.....	.....	.....
5,443	120 53	.....	.....	10,225	388 46	43,663	436 63	8	0 08	4,195,928
27,727	1,283 02	387,718	30,729 20	82,159	6,824 91	76,327	2,658 70	28,495	1,123 57	6,574,039
.....	.....	9,697	.....	.....	.....	.....	.....	.....	.....	.....
.....
27,727	1,283 02	397,415	30,729 20	82,159	6,824 91	76,327	2,658 70	28,495	1,123 57	6,574,039

RICHARD DEVLIN,
Compiler of Railway Statistics.

SUPPLEMENTARY

No. (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned Canals during the description of property passed through and

Articles.	Welland Canal.		St. Lawrence Canal.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.		\$ cts.
Vessels of all kinds.....	1,250,028	20,935 96	2,317,697	21,698 73	404,724	4,764 77
Passengers.....	No. 1,468	146 15	No. 107,813	6,311 83	No. 4,203	76 48
<i>Forest—Produce of Wood.</i>						
	Tons.		Tons.		Tons.	
Bark.....						
Boat knees.....						
Floats.....	10	0 50				
".....Free.						
Firewood.....	4,623	280 20	159,090	10,655 37	267,923	8,938 99
".....Free.	54,906					
Hoops and hop poles.....			50	6 00		
Lumber, sawed.....	69,955	12,464 33	86,579	3,561 48	98,926	5,625 82
".....Free.	2,307		100			
Masts, spars, &c.....	4	0 25	13,575	339 40		
Railway ties.....	2,410	291 69	232	20 09	213	17 00
".....Free.						
Saw logs.....	200	14 04				
Staves, all kinds.....	1,500	240 00				
".....Free.			1,500			
Shingles.....	53	36 68			650	13 28
Split posts and rails.....						
Timber, square.....	11,500	1,725 00	8,698	412 08	762	61 92
".....Free.			1,500			
Traverses.....						
Total....	147,468	15,052 69	271,324	14,994 42	368,474	14,657 01
<i>Farm Stock.</i>						
Cattle.....			264	15 83	128	4 55
Hogs.....			72	2 91	13	0 46
Horses.....			1,411	72 07	28	1 05
Sheep.....			110	5 74	85	3 04
Total.....			1,857	96 55	254	9 10
<i>Produce of Animals.</i>						
Bones.....			99	11 89		
Horns and hoofs, hides and skins (raw)	2	0 40	51	6 99	2	0 08
".....Free.			2			
Lard and lard oil.....	4,812	962 40	502	54 24		
".....Free.	20		4,810			
Meats, other than pork.....			128	15 27		
Pork.....	268	53 60	309	24 73	19	71
Tallow.....	80	12 00	1	0 15		
Wool.....	89	17 80	1	0 10		
Agricultural products not enumerated (animal).....			6,431	703 98	211	17 28
Total.....	5,271	1,046 20	12,334	817 35	232	18 07

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APPENDIX A—Continued.

Season of Navigation ended December 31, 1906, showing the total quantity of each the amount of Tolls (now free) collected thereon.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
234,172	287 87	262,845	3,142 47	207,529	2,371 57	94,717	1,895 43	80,800	523 26	6,359,124
No. 32,039	389 79	No. 17,600	214 66	No. 27,917	760 44	No. .....	.....	No. 32,176	262 19	No. 32,284
Tons.		Tons.		Tons.		Tons.		Tons.		Tons.
.....	
.....		17,330	148 13	.....		.....		3,663	48 90	.....
.....		8,040		.....		.....		.....		.....
1,479	12 33	14,484	501 23	4,422	96 52	217	2 17	8,404	88 21	9,231
.....		8	0 67	.....		.....	0 05	.....		89
1,545	17 45	299,811	22,749 70	26,172	1,415 63	9,403	94 03	1,815	55 03	55,615
.....		25		.....		.....		.....		.....
.....		2,432	524 12	365	10 50	15	0 15	25	1 00	1,155
.....		32		.....		.....		.....		.....
.....		.....		131	3 00	43	0 43	12,116	107 76	78,439
.....		.....		.....		.....		60	1 20	35
.....		.....		323	70 77	368	3 68	37	1 07	15,221
2	0 08	.....		2	0 16	.....		.....		.....
248	15 65	2,503	73 77	.....		310	3 10	525	10 50	1,337
.....		1,600		.....		.....		.....		.....
3,274	45 51	346,265	23,997 62	31,430	1,596 97	10,361	103 61	26,645	313 67	161,130
.....	
.....		521	43 19	1	0 03	2	0 02	.....		16
.....		92	8 22	.....		.....		188	1 88	.....
8	16	205	13 35	5	0 17	3	0 03	.....		25
.....		343	32 75	.....		1	0 01	.....		2
8	16	1,161	97 51	6	0 20	6	0 06	188	1 88	43
.....	
.....		.....		1	0 03	7	0 07	.....		.....
10	0 20	9	0 93	4	0 12	6	0 06	.....		39
103	2 05	3	0 30	195	6 71	.....		.....		103
138	2 72	.....		27	0 66	154	1 54	.....		.....
6	0 12	5	0 38	83	2 00	144	1 44	.....		.....
.....		.....		.....		.....		.....		3,219
482	9 24	2,338	225 32	1,582	51 96	5	0 05	1	0 01	7
739	14 33	2,355	226 93	1,892	61 48	316	3 16	1	0 01	3,368

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SUPPLEMENTARY

No. (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Agricultural Products.</i>		\$ cts.		\$ cts.		\$ cts.
Agricultural products not enumerated (vegetable)	22	3 35	3,347	454 60		
Apples.			4,162	510 81	1,384	98 81
Barley	31,446	3,144 60	6,793	511 57	5	17
" Free.			21,196			
Buckwheat.			764	76 40		
Cotton, raw						
Corn.	211,805	21,180 50	27,924	1,211 81	24	1 03
" Free.			55,559			
Flax and hemp			25	3 75		
Flour	18,294	3,634 95	5,563	437 35	945	31 92
" Free.			9,174			
Hay, pressed	181	27 15	7,804	445 66	13,912	715 79
Meals, all kinds	10,728	2,145 60	205	15 22	140	4 75
" Free.			60			
Manilla	46	6 90	94	18 59		
" Free.						
Oats	49,306	4,930 60	10,248	839 64	1,065	35 75
" Free.			37,164			
Pease	11	1 10	1,987	126 36	3	0 11
Potatoes			253	14 66	67	2 37
Rye	1,784	197 05	2	0 07		
" Free.			1,405			
Seeds—flax, clover and grass	84,742	8,475 70	1,827	79 80	48	1 73
" Free.			80,570			
Tobacco, raw						
Wheat	326,798	32,440 86	46,635	3,550 08	11	0 39
" Free.			289,611			
Total	735,217	76,188 36	612,372	8,296 37	17,604	892 82
<i>Manufactures.</i>						
Ashes, pot and pearl	42	8 40	12	1 65		
Agricultural implements	1,682	277 00	115	10 92	121	4 39
" Free.						
Barrels, empty	3	0 41	664	33 50	111	4 58
Bricks			13,341	634 21	1,236	123 14
Cement and water lime	3	0 50	2,572	222 72	525	30 45
" Free.						
Crockery and earthenware	88					
" Free.			871	163 04	43	3 64
Furniture	48	7 20				
" Free.						
Glass of all kinds	294					
" Free.			3,746	558 30	45	1 57
Iron, railway	31	5 00	6			
" Free.						
" all other	1					
" Free.			4,722	918 84	11	0 39
Molasses	335	50 80	11			
Nails	2,519					
" Free.			7,872	1,138 35	533	39 63
Oil	3,747	616 60				
" Free.			7,289			
Oil cake	1,963	379 75	4,266	627 01		
" Free.			680			
" all other	6,525	1,032 46	40,911	3,670 02	1,151	97 49
" Free.			269			
Molasses	8,235					
Nails	50	7 50	850	111 39	82	2 87
" Free.			7,502	1,427 50	94	3 30
Oil	2,930	440 05				
" Free.			4,011			
Oil cake	24,193	4,835 40	2,011	352 56	205	11 01
" Free.			18,995			
" all other	148		8	0 60	7	0 24

[illegible]

SUPPLEMENTARY

No. (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Manufactures—Con.</i>						
		\$ cts.		\$ cts.		\$ cts.
Paint.....	130	19 55	1,515	293 42	50	1 90
".....Free.	412					
Pitch and tar.....	99	14 85	1,405	114 64	640	57 94
".....Free.	239					
Rosin.....			678	34 42	2,133	279 61
Soda ash.....	55	9 75	821	153 65		
".....Free.	310		72			
Spirits, whiskey, &c.....	2,216	381 60	2,402	454 31	112	3 84
".....Free.	483		614			
Steel.....	128	16 74	3,024	434 56	7	0 24
".....Free.	111					
Sugar.....	19,466	2,950 12	16,958	3,317 91	221	7 63
".....Free.	1,153					
Tin.....	282	42 30	4,194	830 50		
".....Free.	1,365					
White lead.....	36	5 40	1,153	222 35		
".....Free.	304					
Turpentine.....			221	35 28	148	14 80
Whiting.....			702	137 77	1	0 04
".....Free.	93					
Woodenware.....	95	38 00	131	44 40	1	0 10
".....Free.	5					
Total.....	91,809	11,139 38	142,644	15,943 82	7,477	688 80
<i>Merchandise.</i>						
Brimstone (crude).....			2,187	199 04		
Clay, lime and sand.....	350	43 75	64,756	2,517 95	13,482	1,364 98
Coal.....	147,587	29,517 40	301,717	43,552 50	62,954	6,123 07
".....Free.			149,697			
Dye woods and dye stuffs.....			22	2 10	14	1 40
Fish.....			99	4 63		
Gypsum.....			9	1 35		
Ores (all kinds).....	5,862	293 10	175	4 70	18,616	932 03
Marble.....	122	18 30	91	16 40		
".....Free.	35					
Rags.....			242	29 12		
Salt.....	100	19 70	5,370	485 68	777	51 94
".....Free.	17		75			
Stone (all kinds).....	113	5 65	4,475	252 96	3,923	274 00
All other goods and merchandise (not enumerated).....	56,309	8,425 33	66,185	9,607 04	5,132	334 71
".....Free.	11,707		466			
Total.....	222,202	38,323 23	595,566	56,673 47	104,898	9,082 13
Grand totals (passengers and tonnage of vessels not included).....	1,201,967	163,031 93	1,636,117	124,832 54	498,939	30,189 18

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APPENDIX A—*Continued.*Canals and the amount of Tolls collected, &c.—*Continued.*

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	Free.
528	13 37			89	9 10	10	0 10			222
17	0 43	247	46 93	144	12 91	6	0 06			256
						4	0 04			62
461	11 64	11	2 09	756	66 27	83	0 83			3,929
643	12 19			31	1 09					799
1,201	30 17			714	76 75	222	2 22			4,019
48	1 24			17	1 59	72	0 72			1,190
335	8 50			277	30 86					245
162	4 14			13	1 14					20
179	4 54			52	4 53					324
5	0 29									
9,523	218 19	794	110 25	6,517	465 27	3,430	34 30	384	4 65	216,079
		38,930	2,004 23	19,736	464 35	871	8 71			2,060
4,793	89 90			9,990	381 62	39,914	399 14	8	0 08	1,238,011
20	0 51									20
20	0 40					1,716	17 16			857
100	5 00			235	6 84	50	0 50			2,956,592
10	0 26			3	0 26	2,309	23 09			40
48	1 23	40	7 60	50	4 39	1	0 01			
409	7 79			2,722	69 02	938	9 38			13,809
260	4 88			161	7 52	3,701	37 01			1,345
7,186	167 12	5,044	678 01	5,231	513 05	1,061	10 61	247	7 41	310,321
12,846	301 59	44,014	2,689 84	38,128	1,447 05	50,561	505 61	255	7 49	4,523,055
27,727	1,283 02	397,415	30,729 20	82,159	6,824 91	76,327	2,658 70	28,495	1,123 57	6,574,039

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A.—Continued.
No. 16.—STATEMENT showing the Amount of Tolls accrued each month during the Season of Navigation ended December 31, 1906.

Canal and Offices.	January.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
WELLAND CANAL.											
**Chippawa.....		6,516 21	18,176 91	15,245 10	17,744 69	19,044 53	16,406 91	19,834 29	16,354 73	2,925 52	132,248 89
Colborne.....		1,899 06	3,067 69	4,095 71	3,097 73	4,436 72	4,116 91	3,833 84	4,927 92	1,307 46	30,783 04
Dalhousie.....											
**Dunnville.....											
**St. Catharines.....											
Total Welland Canal.....		8,415 27	21,244 60	19,340 81	20,842 42	23,481 25	20,523 82	23,668 13	21,282 65	4,232 98	163,031 93
ST. LAWRENCE CANALS.											
Soulanges.....		30 00	179 27	301 18	169 31	460 70	186 46	58 40	61 47	3 29	1,450 08
Cardinal.....		16 20	147 62	297 49	487 34	320 47	263 65	205 38	441 22	71 43	2,250 80
Cornwall.....		598 28	3,840 73	7,118 26	7,716 52	6,947 39	6,781 67	6,418 55	5,948 55	26 95	45,396 90
Kingston.....		403 09	1,387 59	1,923 62	2,103 06	1,175 49	2,062 41	1,518 16	2,765 95		13,339 37
Iachine.....			711 14	960 89	647 73	925 45	638 57	456 72	339 16	9 90	4,689 56
Montreal.....		295 45	6,366 41	8,288 84	9,239 38	9,396 83	8,426 57	8,466 58	7,020 00	205 77	57,705 83
Total St. Lawrence Canal.....		1,343 02	12,632 76	18,890 28	20,363 34	19,226 33	18,359 33	17,123 79	16,576 35	317 34	124,832 54
CHAMBLY CANAL.											
Chambly Canal.....		0 77	970 84	1,990 39	3,150 37	3,375 91	2,482 13	3,209 98	1,791 47		16,971 86
St. John's.....			1,695 60	2,441 70	2,165 47	1,651 79	1,590 22	2,059 22	746 95		12,350 95
St. Ours.....		26 78	91 05	102 57	145 40	128 73	115 45	169 63	86 76		866 37
Total Chambly Canal.....		27 55	2,757 49	4,534 66	5,461 24	5,156 43	4,187 80	5,438 83	2,625 18		30,189 18
OTTAWA CANALS.											
Ottawa.....		728 52	3,047 75	3,131 52	3,175 14	2,278 11	2,109 58	2,029 57	1,236 75		17,736 94
Carillon.....			1 04	1 47	34 54	3 09	10 57	0 99	1 01		52 71
Grenville.....			1,306 19	1,154 66	1,507 15	2,436 13	1,346 96	1,360 40	574 76		9,686 25
St. Anne's.....		8 75	340 17	375 11	642 66	641 74	572 58	422 03	250 26		3,253 30
Total Ottawa Canals.....		737 27	4,695 15	4,662 76	5,359 49	5,359 07	4,039 69	3,812 99	2,062 78		30,729 20

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RIDEAU CANAL.											
Kingston Mills.											1,211 24
Ottawa.											3,677 37
Smith's Falls.											1,936 30
Total Rideau Canal.											6,824 91
St. PETERS CANAL.											
St. Peter's.	12 60	66 69	293 33	324 20	328 45	377 93	377 88	375 75	329 84	172 03	2,658 70
TRENT VALLEY CANALS.											
Bobcaygeon.											243 10
Buckhorn.											105 17
Peterborough.											432 65
Burleigh.											193 60
Hastings.											25 70
Fenelon Falls.											123 35
Total Trent Valley Canals.											1,123 57
MURRAY CANAL.											
Brighton.											1,283 02
Grand total.	12 60	10,691 09	42,455 98	49,008 39	53,915 77	55,679 34	48,946 36	51,501 40	43,738 67	4,723 45	360,673 05

*These offices have been ordered closed.

**No business done during year 1906.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

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No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of
31st, 1906, and the amount of

Vessels.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.	
		Up.	Down.	Up.	Down.
WELLAND CANAL.					
Canadian vessels, steam.....	617	161,914	182,870	65,203	573
" sail.....	249	39,502	38,337	26,142	.....
Total, Canadian.....	866	201,416	221,207	91,345	573
United States vessels, steam.....	602	.....	.....	88,732	7,666
" sail.....	68	.....	.....	2,870	7,270
Total United States.....	670	.....	.....	91,602	14,936
Grand total, Welland Canal.....	1,536	201,416	221,207	182,947	15,509
ST. LAWRENCE CANALS.					
Canadian vessels, steam.....	4,051	476,150	424,649	23,062	90
" sail.....	4,162	546,372	449,104	27,291	.....
Total, Canadian.....	8,213	1,022,522	873,753	50,353	90
United States vessels, steam.....	869	6,651	4,568	83,626	151
" sail.....	389	3,295	6,080	33,933	532
Total United States.....	1,258	9,946	10,648	117,559	683
Grand total, St. Lawrence Canals.	9,471	1,032,468	884,401	167,912	773
CHAMBLY CANAL.					
Canadian vessels, steam.	438	35,578	36,529	3	.....
" sail.	363	6,394	7,034	5,826	.....
Total, Canadian... ..	801	41,972	43,563	5,829	..
United States vessels, steam.....	10	48	.....	.....	.....
" sail.....	3,079	.....	970	137,615	.....
Total United States.	3,089	48	970	137,615	.....
Grand total, Chambly Canal.... .	3,890	42,020	44,533	143,444	.....
OTTAWA CANAL.					
Canadian vessels, steam.....	922	32,825	83,121	.....	334
" sail.	1,000	6,848	109,557	.....	2,494
Total, Canadian.	1,922	39,673	192,678	.....	2,828
United States vessels, steam.....	7	.....	52	.....	95
" sail.. ..	278	1,599	584	.....	23,783
Total United States.....	285	1,599	636	.....	23,878
Grand total, Ottawa Canal.....	2,207	41,272	193,314	.....	26,706
RIDEAU CANAL.					
Canadian vessels, steam.	3,963	79,798	78,350	4,297
" sail.....	1,658	16,363	16,226	629
Total, Canadian.....	5,621	96,161	94,576	4,926

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Vessels passed through all the Canals during the Season of Navigation ended December
Tolls heretofore collected, now free.

From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
Up.	Down.	Up.	Down.	Up.	Down.		
							\$ cts.
1,829	157	3,427	51,562	232,373	235,162	467,535	7,969 36
341	....	975	30,044	66,960	68,381	135,341	3,046 25
2,170	157	4,402	81,606	299,333	303,543	602,876	11,015 61
213,039	203,156	7,658	99,309	309,479	310,131	619,610	9,299 96
1,041	2,580	5,880	7,901	9,791	17,751	27,542	620 39
214,130	205,736	13,538	107,210	319,270	327,882	647,152	9,920 35
216,300	205,893	17,940	188,816	618,603	631,425	1,250,028	20,935 96
			38,289	499,212	463,028	962,240	7,727 82
			34,572	573,663	483,676	1,057,339	11,078 75
			72,861	1,072,875	946,704	2,019,579	18,806 57
5,996	6,829	9	82,475	96,282	94,023	190,305	1,546 56
72	36	15,697	48,168	52,997	54,816	107,813	1,345 60
6,068	6,865	15,706	130,643	149,279	148,839	298,118	2,892 16
6,068	6,865	15,706	203,504	1,222,154	1,095,543	2,317,697	21,698 73
			6	35,581	36,535	72,116	259 82
			7,943	12,220	14,977	27,197	291 92
			7,949	47,801	51,512	99,313	551 74
			179	48	179	227	3 75
			166,599	137,615	167,569	305,184	4,209 28
			166,778	137,663	167,748	305,411	4,213 03
			174,727	185,464	219,260	404,724	4,764 77
				32,825	83,455	116,280	964 99
				6,848	112,051	118,899	1,511 78
				39,673	195,506	235,179	2,476 77
					147	147	2 40
		1,553		3,152	24,367	27,519	663 30
		1,553		3,152	24,514	27,666	665 70
		1,553		42,825	220,020	262,845	3,142 47
			5,094	84,095	83,444	167,539	1,588 84
			545	16,992	16,771	33,763	641 55
			5,639	101,087	100,215	201,302	2,230 39

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No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of
31st, 1906, and the amount of

Vessels.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.	
		Up.	Down.	Up.	Down.
RIDEAU CANAL.— <i>Con.</i>					
United States vessels, steam.....	90	82	52	386	
" " sail.....	156	2,109	672	172	1,936
Total United States.	246	2,191	724	558	1,936
Grand total, Rideau Canal.....	5,867	98,352	95,300	5,484	1,936
ST. PETER'S CANAL.					
Canadian vessels, steam.. ..	231	13,312	13,138		
" " sail.....	1,185	33,719	34,071		
Total, Canadian.....	1,416	47,031	47,209		
United States vessels, steam.....	2	134			343
" " sail.....					
Total United States.....	2	134			343
Grand total, St. Peter's Canal.....	1,418	47,165	47,209		343
TRENT VALLEY CANAL.					
Canadian vessels, steam.....	1,869	37,561	38,068		
" " sail.....	118	2,354	2,817		
Total, Canadian.	1,987	39,915	40,885		
United States vessels, steam.. ..					
" " sail.....					
Total United States.					
Grand total, Trent Valley Canal.	1,987	39,915	40,885		
MURRAY CANAL.					
Canadian vessels, steam.....	638	79,503	75,900	33,128	
" " sail.....	112	7,730	3,393	776	
Total, Canadian.....	750	87,233	79,293	33,904	
United States vessels, steam.....	10		37	160	
" " sail.....	1				
Total United States.	11		37	160	
Grand total, Murray Canal.....	761	87,233	79,330	34,064	
SAULT STE. MARIE CANAL.					
Canadian vessels, steam.....	3,469	646,191	612,935	105,036	147,268
" " sail.....	453	49,662	58,377	1,312	4,836
Total, Canadian.....	3,922	695,853	671,312	106,348	152,104
United States vessels, steam.....	1,599	19,113	1,219	7,797	21,913
" " sail.....	159	1,275	1,090	968	14,872
Total United States.	1,758	20,388	2,309	8,765	36,785
Grand total, Sault Ste. Marie Canal....	5,680	716,241	673,621	115,113	188,889

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Vessels passed through all the Canals during the Season of Navigation ended December
Tolls heretofore collected, now free—*Continued.*

From United States. to United States Ports.		From United States. to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
Up.	Down.	Up.	Down.	Up.	Down.		
							\$ cts.
..	472	468	524	992	24 15
..	346	2,281	2,954	5,235	117 03
..	818	2,749	3,478	6,227	141 18
..	6,457	103,836	103,693	207,529	2,371 57
..					
..		13,312	13,138	26,450	529 03
..		33,719	34,071	67,790	1,356 86
..		47,031	47,209	94,240	1,885 89
..		134	343	477	9 54
..		134	343	477	9 54
..		47,165	47,552	94,717	1,895 43
..					
..		37,561	38,068	75,629	492 26
..		2,354	2,817	5,171	31 00
..		39,915	40,885	80,800	523 26
..					
..					
..					
..		39,915	40,885	80,800	523 26
..					
..	32,870	112,631	108,770	221,401	249 25
..	480	8,506	3,873	12,379	35 87
..	33,350	121,137	112,643	233,780	285 12
..	166	160	203	363	2 50
..	29		29	29	0 25
..	195	160	232	392	2 75
..	33,545	121,297	112,875	234,172	287 87
..					
22,250	5,349	187,261	108,062	960,738	873,614	1,834,352	.....
..	..	10,613	100	61,587	63,313	124,900	.....
22,250	5,349	197,874	108,162	1,022,325	936,927	1,959,252	.....
2,354,390	1,660,409	68,065	7,937	2,449,365	1,691,478	4,140,843	.....
164,035	55,121	16,813	4,855	183,091	75,938	259,029	.....
2,518,425	1,715,530	84,878	12,792	2,632,456	1,767,416	4,399,872	.....
2,540,675	1,720,879	282,752	120,954	3,654,781	2,704,343	6,359,124	.....

No. (A) 17.—SUMMARY STATEMENT showing the Number,
RECAPITU

Vessels.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.	
		Up.	Down.	Up.	Down.
CANADIAN VESSELS.					
<i>Steam and Sail.</i>					
Welland	866	201,416	221,207	91,345	573
St. Lawrence	8,213	1,022,522	873,753	50,353	90
Chambly	801	41,972	43,563	5,829	
Ottawa	1,922	39,673	192,678		2,828
Rideau	5,621	96,161	94,576	4,926	
St. Peter's	1,416	47,031	47,209		
Trent Valley	1,987	39,915	40,885		
Murray	750	87,232	79,293	33,904	
Sault Ste. Marie	3,922	695,853	671,312	106,348	152,104
Total Canadian	25,498	2,271,776	2,264,476	292,705	155,595
UNITED STATES VESSELS.					
Welland ..	670			91,602	14,936
St. Lawrence	1,258	9,946	10,648	117,559	683
Chambly	3,089	48	970	137,615	
Ottawa	285	1,599	636		23,878
Rideau	246	2,191	724	558	1,936
St. Peter's	2	134			343
Trent Valley					
Murray	11		37	160	
Sault Ste. Marie	1,758	20,388	2,309	8,765	36,785
Total United States	7,319	34,306	15,324	356,259	78,561
Grand total, Canadian and United States	32,817	2,306,082	2,279,800	648,964	234,156

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

SESSIONAL PAPER No. 20a

Tonnage and Nationality of Vessels, &c.—*Concluded.*

LATION.

From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
Up.	Down.	Up.	Down.	Up.	Down.		
							\$ cts.
2,170	157	4,402	81,606	299,333	303,543	602,876	11,015 61
.....	.....	.....	72,861	1,072,875	946,704	2,019,579	18,806 57
.....	.....	.....	7,949	47,801	51,512	99,313	551 74
.....	.....	.....	.....	39,673	195,506	235,179	2,476 77
.....	.....	.....	5,639	101,087	100,215	201,302	2,230 39
.....	.....	.....	.....	47,031	47,209	94,240	1,885 89
.....	.....	.....	.....	39,915	40,885	80,800	523 26
.....	.....	.....	33,350	121,137	112,643	233,780	285 12
22,250	5,349	197,874	108,162	1,022,325	936,927	1,959,252	No Tolls.
24,420	5,506	202,276	309,567	2,791,177	2,735,144	5,526,321	37,775 35
214,130	205,736	13,538	107,210	319,270	327,882	647,152	9,920 35
6,068	6,865	15,706	130,643	149,279	148,839	298,118	2,892 16
.....	.....	.....	166,778	137,663	167,748	305,411	4,213 03
.....	.....	1,553	.....	3,152	24,514	27,666	665 70
.....	.....	.....	818	2,749	3,478	6,227	141 18
.....	.....	.....	.....	134	343	477	9 54
.....
.....	.....	.....	195	160	232	392	2 75
2,518,425	1,715,530	84,878	12,792	2,632,456	1,767,416	4,399,872	No Tolls.
2,738,623	1,928,131	115,675	418,436	3,244,863	2,440,452	5,685,315	17,844 71
2,763,043	1,933,637	317,951	728,003	6,036,040	5,175,596	11,211,636	55,620 06

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 18.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation 1905 and 1906, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1905.												
Welland.....	50,321	257,434	54,169	62,510	112,549	190,547	15,020	349,500	232,059	859,991	1,092,050	157,478 61
St. Lawrence....	329,363	751,571	148,493	2,144	308	1,796	8,008	511,172	486,172	1,266,683	1,752,855	128,610 73
Chambly.....	5,665	14,787	312,017	.....	.....	.....	.....	114,597	317,682	129,387	447,069	28,391 88
Ottawa.....	263	316,030	.....	74,478	.....	.....	.....	.....	263	390,508	390,771	28,949 43
Rideau.....	21,939	22,233	1,049	3,694	.....	.....	.....	10,949	22,988	36,876	59,864	5,589 43
St. Peter's.....	27,951	53,126	.....	.....	.....	.....	.....	.....	27,951	53,126	81,077	2,911 96
Trent Valley.....	27,618	17,613	.....	.....	.....	.....	.....	.....	27,618	17,613	45,231	1,309 13
Murray.....	14,801	10,904	1,416	.....	.....	.....	.....	2,300	16,217	13,204	29,421	1,205 89
Sault Ste. Marie....	259,055	808,816	32,221	204,263	494,371	2,991,552	534,500	148,628	1,320,147	4,153,259	5,473,406	No Tolls.
Grand total.....	736,976	2,252,514	549,365	347,089	607,228	3,183,895	557,528	1,137,146	2,451,097	6,920,647	9,371,744	354,447 06
1906.												
Welland.....	77,635	374,640	53,867	36,109	84,205	237,226	7,161	331,124	222,868	979,099	1,201,967	163,031 93
St. Lawrence....	445,483	706,840	142,326	.....	131	735	14,461	326,141	602,401	1,033,716	1,636,117	124,832 54
Chambly.....	6,681	11,345	372,571	.....	.....	.....	.....	108,342	379,252	119,687	498,939	30,189 18
Ottawa.....	240,158	154,907	.....	.....	.....	.....	.....	2,350	240,158	157,257	397,415	30,729 20
Rideau.....	30,965	33,785	2,667	4,936	.....	.....	.....	9,806	33,632	48,527	82,159	6,824 91
St. Peter's.....	26,671	49,656	.....	.....	.....	.....	.....	.....	26,671	49,656	76,327	2,658 70
Trent Valley.....	18,331	10,164	.....	.....	.....	.....	.....	.....	18,331	10,164	28,495	1,123 57
Murray.....	11,814	9,555	3,008	.....	.....	.....	.....	3,350	11,822	12,905	27,727	1,283 02
Sault Ste. Marie....	381,191	1,004,963	52,655	193,874	907,172	3,357,295	460,617	216,272	1,801,635	4,772,404	6,574,039	No Tolls.
Grand total.....	1,238,929	2,355,855	627,094	234,919	991,508	3,595,256	482,239	997,385	3,339,770	7,183,415	10,523,185	360,673 05

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, April 5, 1907.

APPENDIX A—Continued.

No. 19—COMPARATIVE STATEMENT of the Traffic of all the Canals for the Years ending December 31, 1905 and 1906.

Articles.	1905.	1906.	Increase.	Decrease.
<i>Class No. 1.</i>	Tons.	Tons.	Tons.	Tons.
Canadian Vessels, steam.	3,640,106	3,967,984	327,878	
United States Vessels, steam	4,533,851	4,954,751	420,900	
Canadian Vessels, sail.	1,354,203	1,589,246	235,043	
United States Vessels, sail.	959,272	735,227		24,045
Total, class No. 1.	10,287,432	11,247,208	983,821	24,045
<i>Class No. 2.</i>	No.	No.	No.	No.
Passengers.	233,545	256,500	22,955	
<i>Class No. 3.</i>	Tons.	Tons.	Tons.	Tons.
Bricks.	23,814	17,713		6,101
Brimstone.	1,177	2,187	1,010	
Cement and water-lime.	31,942	45,619	13,677	
Clay, lime and sand.	110,918	140,185	29,267	
Fish.	3,881	2,692		1,189
Gypsum.	280	9		271
Iron (Railway).	57,515	128,060	70,545	
" (Pig).	29,237	21,480		7,757
" (all other).	58,508	69,261	10,753	
Steel.	5,661	4,632		1,029
Salt.	28,148	24,125		4,023
Stone, for cutting.	3	759	756	
Apples.	9,217	8,048		1,169
Barley.	114,226	123,950	9,724	
Buckwheat.	721	765	44	
Corn.	261,509	244,122		17,387
Cotton (raw).	2	20	18	
Flax and hemp.	64	25		39
Flour.	243,938	297,937	53,999	
Hay (pressed)	33,354	26,811		6,543
Meals (all kinds).	14,832	27,472	12,640	
Oil Cake.	11,557	95		11,462
Oats	101,258	209,286	108,028	
Peas	950	2,126	1,176	
Potatoes.	7,420	5,853		1,567
Rye	5,303	5,738	435	
Flaxseed.	69,576	194,701	125,125	
Seeds (all kinds).	3,740	1,455		2,285
Tobacco (raw).	239	2		237

No. 19.— COMPARATIVE STATEMENT of the Traffic of all the Canals for the Years ending December 31, 1905 and 1906—*Continued.*

Articles.	1905.	1906.	Increase.	Decrease.
<i>Class No. 3—Concluded.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>
Wheat.	1,248,567	1,406,741	158,174	
All other agricultural products, vegetable..	6,470	4,805		1,665
Bones.....	52	107	55	
Cattle.....	1,468	932		536
Hogs.....	445	365		80
Hides and skins, horns and hoofs.....	137	123		14
Horses.....	1,564	1,685	121	
Lard and lard oil.....	3,299	5,718	2,419	
Meats (other than pork).....	434	447	13	
Pork.....	1,213	834		379
Sheep.....	616	541		75
Tallow.....	587	81		506
Wool.....	2,489	3,309	820	
All other agricultural products, animal.....	12,477	11,057		1,420
Total, class No. 3.	2,508,808	3,041,873	598,799	65,734
<i>Class No. 4.</i>				
Ashes, pot and pearl.....	57	54		3
Agricultural implements.....	1,102	4,045	2,943	
Crockery and Earthenware.	2,047	2,211	164	
Dye woods and dye Stuffs.....	30	76	46	
Furniture.....	5,075	4,816		259
Glass (all kinds).....	6,086	8,596	2,510	
Marble.....	2,475	2,575	100	
Manilla.....	1,544	1,931	387	
Molasses.....	2,232	1,943		289
Nails.. ..	17,374	20,836	3,462	
Oil (in Barrels).....	32,006	28,699		3,307
Paint.....	3,890	2,574		1,316
Pitch and tar.....	1,243	2,814	1,571	
Rags.....	616	381		235
Rosin.....	3,526	2,815		711
Soda ash.....	1,073	938		135
Sugar.....	27,275	42,801	15,526	
Stone (wrought).....	228	508	280	
Tin.....	5,174	5,803	629	
Turpentine.....	41	564	523	
White lead.....	1,386	2,046	660	
Whiting.....	905	1,258	353	
Whiskey and all other spirits.....	6,680	9,970	3,290	
Merchandise (not enumerated).....	331,487	454,636	123,149	
Total, class No. 4	453,552	602,890	155,593	6,255

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No. 19.—COMPARATIVE STATEMENT of the Traffic of all the Canals for the Years ending
December 31, 1905 and 1906—*Continued.*

Articles.	1905.	1906.	Increase.	Decrease.
<i>Class No. 5.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>
Bark	117	13		104
Barrels (empty).....	1,996	1,090		906
Boat Knees.....				
Floats.....	44,241	21,003		23,238
Fire wood, in vessels.....	423,693	468,133	44,440	
" in rafts.....		1,740	1,740	
Lumber sawn, in vessels.....	591,028	645,257	54,229	
" in rafts.....	354	4,564	4,210	
Hoops.....	8	102	94	
Railway ties, in vessels.....	7,470	5,608		1,862
" in rafts.....		69	69	
Meats, Spars and telegraph poles, in vessels..	632	29		603
" " in rafts..	10,999	14,730	3,731	
Square timber, in vessels.....	13,215	18,535	5,370	
" in rafts.....	15,807	7,298		8,509
Woodenware and wood partly manufactured	1,160	232		928
Shingles	16,300	16,652	352	
Split posts and fence rails, in vessels.....	773	4		769
" " in rafts				
Saw logs.....	58,949	90,929	31,980	
Staves and headings, barrel.....	10	95	85	
" " pipe.....				
" " west india.....				
" " salt barrel.....		1,500	1,500	
Traverses.....	200			200
Hop poles.....	3	50	47	
Total, class No. 5	1,186,955	1,297,683	147,847	37,119
<i>Special Class.</i>				
Coal	1,596,935	1,804,974	208,039	
Kryolite or chemical ore	987	2,017	1,030	
Iron ore.....	2,959,300	2,970,637	11,337	
Copper ore.....	11,006	8,976		2,030
Stone (unwrought, not suitable for cutting)..	31,706	12,711		18,995
Ice		2,080	2,080	
Total, special class.....	4,599,934	4,801,395	222,486	21,025
Total freight heretofore paying tolls; now free	8,749,249	9,743,841	994,592	

No. 19.—COMPARATIVE STATEMENT of the Traffic of all the Canals for the Years ending December 31, 1905 and 1906—*Concluded.*

Articles.	1905.	1906.	Increase.	Decrease.
<i>Special Class—Concluded.</i>	Tons.	Tons.	Tons.	Tons.
Timber and other wood, free.....	68,629	70,015	1,386	.....
Wheat, corn, flour, iron, salt, coal, etc., free.	553,866	709,329	155,463	.....
Grand totals (passengers and tonnage of vessels not included)	9,371,744	10,523,185	1,151,441	.....
Total, increase and decrease.....	.....	.....	1,281,574	130,133
Freight, grand total increase.....	.....	.....	1,151,441	.....

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA April 5, 1907.

RICHARD DEVLIN,
Compiler of Canal Statistics.

SESSIONAL PAPER No. 20a

APPENDIX A—Continued.

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1906.

WELLAND CANAL.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num-ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	20	160	12	96	10	80	4	23
10	5	50	3	30	3	30	.....	.....
15	3	45	1	15	2	30	1	15
20	2	40	2	40	1	20	.....	.....
25	3	75	2	50	2	50	3	75
30	7	210	1	30	2	69	1	30
35	4	140	1	35	1	35	2	70
40	1	40	1	40	1	40	2	80
45	1	45	1	45	2	90	.....	.....
50	1	50	.....	.....	2	100	.....	.....
55	.....	.....	1	55	1	55	.....	.....
60	.....	.....	.....	.....	.....	.....	1	60
65	.....	.....	.....	.....	2	130	.....	.....
70	1	70	.....	.....	2	140	.....	.....
75	.....	.....	1	75	.....	.....	.....	.....
80	.....	.....	.....	.....	1	80	.....	.....
85	.....	.....	.....	.....	1	85	.....	.....
90	1	90	.....	.....	.....	.....	.....	.....
95	.....	.....	.....	.....	1	95	.....	.....
100	.....	.....	1	100	1	100	.....	.....
110	1	110	.....	.....	1	110	3	330
130	1	130	.....	.....	.....	.....	.....	.....
150	1	150	1	150	1	150	.....	.....
160	1	160	.....	.....	1	160	.....	.....
165	2	310	.....	.....	1	165	.....	.....
175	1	175	.....	.....	1	175	.....	.....
190	1	190	.....	.....	.....	.....	.....	.....
195	.....	.....	3	585	.....	.....	.....	.....
220	2	440	.....	.....	.....	.....	.....	.....
230	.....	.....	2	460	1	230	1	230
260	1	260	2	520	1	260	.....	.....
265	1	265	1	265	1	265	.....	.....
285	.....	.....	.....	.....	2	560	.....	.....
295	1	295	.....	.....	2	590	.....	.....
305	1	305	1	305	.....	.....	.....	.....
310	1	310	.....	.....	.....	.....	1	310
315	2	630	.....	.....	.....	.....	.....	.....
320	1	320	1	320	.....	.....	.....	.....
330	1	330	1	330	.....	.....	1	330
360	2	720	.....	.....	.....	.....	.....	.....
400	1	400	.....	.....	.....	.....	.....	.....
415	1	415	.....	.....	.....	.....	.....	.....
455	1	455	1	455	1	455	1	455
460	2	920	1	460	1	460	1	460
485	1	485	1	485	.....	.....	.....	.....
495	1	495	1	495	3	1,485	.....	.....
500	1	500	.....	.....	1	500	1	500
520	.....	.....	.....	.....	.....	.....	1	520
530	1	530	.....	.....	.....	.....	1	530
555	1	555	.....	.....	1	555	.....	.....
560	1	560
575	1	575
585	1	585
595	2	1,190
600	1	600
615	1	615
645	1	645	1	645	1	645
660	1	660

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No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1906.

WELLAND CANAL—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num-ber.	Total Tonnage.	Num-ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
675	2	1,350	.....	.....	1	675	1	675
690	1	690	.....	.....	1	690	.....	.....
719	1	719	1	719	1	719	.....	136
729	2	1,478	1	739	1	739	.....	.....
712	1	742	.....	.....	1	742	.....	.....
759	.....	.....	.....	.....	.....	.....	1	759
771	1	771	.....	.....	2	1,542	.....	.....
802	1	802	.....	.....	2	1,604	2	1,604
870	2	1,740	.....	.....	1	870	2	1,740
882	1	882	1	882	.....	.....	.....	.....
908	1	908	1	908	1	908	.....	.....
929	1	929	.....	.....	3	2,787	.....	.....
940	.....	.....	.....	.....	4	3,760	.....	.....
959	1	959	1	959	1	959	.....	.....
977	2	1,954	1	977	.....	.....	.....	.....
989	2	1,978	1	989	3	2,967	.....	.....
994	2	1,988	.....	.....	1	994	.....	.....
1,023	2	2,046	.....	.....	1	1,023	.....	.....
1,027	.....	.....	.....	.....	.....	.....	1	1,027
1,035	1	1,035	.....	.....	3	3,105	.....	.....
1,041	.....	.....	.....	.....	1	1,041	.....	.....
1,054	.....	.....	.....	.....	1	1,054	.....	.....
1,078	.....	.....	.....	.....	1	1,078	.....	.....
1,118	1	1,118	.....	.....	.....	.....	.....	.....
1,160	1	1,160	.....	.....	1	1,160	.....	.....
1,172	5	5,860	.....	.....	.....	.....	.....	.....
1,202	4	4,808	1	1,202	1	1,202	.....	.....
1,330	2	2,660	.....	.....	.....	.....	.....	.....
1,425	.....	.....	.....	.....	1	1,425	.....	.....
1,447	2	2,894	.....	.....	1	1,447	.....	.....
1,548	1	1,548	.....	.....	1	1,548	.....	.....
1,553	.....	.....	.....	.....	3	4,659	.....	.....
1,565	.....	.....	.....	.....	3	4,695	.....	.....
1,627	1	1,627	.....	.....	1	1,627	.....	.....
1,668	.....	.....	.....	.....	1	1,668	.....	.....
1,673	.....	.....	.....	.....	1	1,673	.....	.....
Total...	125	55,926	53	14,021	100	57,016	35	11,632

ST. LAWRENCE CANALS.

5	62	496	9	72	20	160	.....	.....
10	23	230	3	30	2	20	.....	.....
15	9	135	.....	.....	1	15	.....	.....
20	5	100	4	80	1	20	1	20
25	10	250	2	50	1	25	.....	.....
30	15	150	1	30	.....	.....	.....	.....
35	6	210	2	70	1	35	.....	.....
40	8	320	11	440	.....	.....	.....	.....
45	4	180	5	225	.....	.....	.....	.....
50	7	350	4	200	.....	.....	.....	.....
55	2	110	4	220	.....	.....	.....	.....
60	5	300	6	360	.....	.....	.....	.....
65	2	130	2	130	1	65	.....	.....
70	5	350	2	140	2	140	.....	.....
75	3	225	9	675	1	75	.....	.....

SESSIONAL PAPER No. 20a

No. (A) 20—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1906.

ST. LAWRENCE CANALS—*Continued.*

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num- ber.	Total Tonnage.	Num- ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
80	1	80	6	480			1	80
85	3	255	8	680	1	85	3	255
90	3	270	8	720				
95	2	190	10	950	2	190	82	7,790
100	3	300	25	2,500			9	900
105			15	1,155	2	210	9	945
110	2	220	4	440			5	550
115	1	115	11	1,265			3	345
120	2	240	9	1,080				
125	3	375	7	875	1	125		
130			8	1,040			1	130
135	1	135	8	1,080				
140	2	280	6	840				
145	1	145	9	1,305				
150	3	450	24	1,440				
155	4	620	14	2,170	1	155	1	155
160			5	800				
165	1	165	5	825				
170	1	170	4	680				
175	1	175	3	525				
180			1	180				
185			3	555				
190			2	380			1	190
195	1	195	2	390				
200			2	400			2	400
210	1	210	1	210				
225			2	450				
230			1	230				
235	2	420						
250			1	250				
255			2	510				
260	3	780	2	520				
275			1	275				
285			3	285			1	285
290			1	290				
295			2	590			1	295
300			3	900				
305			1	305			1	305
310	1	310	3	930				
315	2	630					3	317
320			3	960				
325	1	320	1	325				
330			3	990				
335			5	1,675			1	335
340	1	340	1	340			2	680
345			1	345				
350			2	700				
355	2	710						
360			2	720				
365			3	1,095				
370	1	370	2	740				
375			2	750				
380			1	380				
385			1	385				
395			1	395				
411			1	411				
412	1	412						
415			2	830				

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Continued.

ST. LAWRENCE CANALS—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num- ber.	Total Tonnage.	Num- ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
418			2	836				
435			2	870				
438			1	438			1	438
442			1	442				
463			1	463				
471	1	471						
473							1	473
475			2	950				
479	1	479						
481			1	481				
483			1	483				
499			1	499				
500	1	500						
508	1	508						
516			2	1,032				
518			1	518				
521			1	521				
531					1	531		
539			1	539				
541			1	541				
543			2	1,086				
561	1	561						
567					1	567		
578			1	578				
586			1	586	1	586		
590			1	590				
598	1	598						
599	1	599						
607			2	1,214				
643			1	643				
674	1	674						
680	1	680						
681			1	681				
700			1	700				
719			1	719				
729	1	729						
771	1	771						
773					1	773		
796					2	1,592		
802	1	802						
838	1	838						
864	1	864						
868	1	868						
873							1	873
908	1	908						
911					1	811		
921					1	921		
929					1	929		
944					1	944		
955					2	1,910		
970			1	970				
987					2	1,874		
992	1	992						
993							1	993
996	1	996						
1,010	1	1,001						
1,020	1	1,020						
1,038	1	1,038						
1,062	1	1,062						
1,142	2	2,284						

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No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Concluded.

ST. LAWRENCE CANALS—*Concluded.*

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number	Total Tonnage.	Number	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
1,147	.....	.....	.....	.....	1	1,147	.....	.....
1,154	1	1,154	.....	.....	.....	.....	.....	.....
1,190	1	1,100	.....	.....	.....	.....	.....	.....
1,197	1	1,197	.....	.....	.....	.....	.....	.....
1,386	1	1,386	.....	.....	.....	.....	.....	.....
1,431	1	1,431	.....	.....	.....	.....	.....	.....
.....	246	38,083	347	58,643	52	14,005	130	16,751

RIDEAU AND CHAMBLY CANAL.

8	91	728	140	1,120	25	200	8	64
10	15	150	5	50	2	20	3	60
15	8	120	2	30	1	15	1	15
20	5	100	1	20	3	60	.....	.....
25	.....	.....	1	25	.....	.....	.....	.....
30	.....	.....	2	60	.....	.....	.....	.....
35	1	35	.....	.....	.....	.....	.....	.....
40	1	40	.....	.....	.....	.....	.....	.....
45	.....	.....	3	135	1	45	.....	.....
50	4	200	3	150	.....	.....	.....	.....
55	1	55	.....	.....	.....	.....	.....	.....
60	2	120	1	60	1	60	.....	.....
65	.....	.....	1	65	.....	.....	.....	.....
70	2	140	.....	.....	.....	.....	1	70
75	.....	.....	3	225	.....	.....	.....	.....
80	.....	.....	3	240	.....	.....	1	80
85	.....	.....	2	170	.....	.....	19	1,615
90	.....	.....	1	90	.....	.....	71	6,390
95	2	190	3	285	.....	.....	331	31,445
100	.....	.....	3	300	.....	.....	67	6,700
105	1	105	5	525	.....	.....	41	4,305
110	.....	.....	6	660	.....	.....	39	4,290
115	.....	.....	7	805	.....	.....	6	690
120	2	240	5	480	.....	.....	8	960
125	.....	.....	5	625	.....	.....	4	500
130	.....	.....	.....	.....	.....	.....	4	520
135	1	135	6	810	.....	.....	2	270
140	.....	.....	4	560	.....	.....	.....	.....
145	.....	.....	5	725	.....	.....	.....	.....
150	1	150	12	1,800	.....	.....	3	450
155	1	155	6	930	.....	.....	.....	.....
160	.....	.....	2	320	.....	.....	.....	.....
165	1	165	5	825	.....	.....	.....	.....
170	.....	.....	4	680	.....	.....	.....	.....
190	.....	.....	1	190	.....	.....	.....	.....
195	2	390	.....	.....	.....	.....	.....	.....
200	.....	.....	1	200	.....	.....	.....	.....
250	.....	.....	1	250	.....	.....	.....	.....
260	1	260	.....	.....	.....	.....	.....	.....
265	.....	.....	1	265	.....	.....	.....	.....
275	.....	.....	1	275	.....	.....	.....	.....
295	1	295	.....	.....	.....	.....	.....	.....
320	1	320	.....	.....	.....	.....	.....	.....
370	1	370	.....	.....	.....	.....	.....	.....
395	1	395	.....	.....	.....	.....	.....	.....
Total...	145	4,858	250	13,940	33	400	609	58,324

APPENDIX

No. (A) 21.—STATEMENT showing the Classified Tonnage of all kinds of
WELLAND

CANADIAN.							
Class.	Steam Vessels.	No.	Ton- nage.	Class.	Sailing Vessels.	No.	Ton- nage.
1	250 to 1,627 tons.....	66	53,246	1	250 to 1,202 tons.....	20	12,215
2	200 " 249 "	2	440	2	200 " 249 "	2	460
3	150 " 199 "	6	985	3	150 " 199 "	4	735
4	100 " 149 "	2	240	4	100 " 149 "	1	100
5	50 " 99 "	3	210	5	50 " 99 "	2	130
6	Under 50 "	46	805	6	Under 50 "	24	381
	Total.....	125	55,926		Total.....	53	14,021

ST. LAWRENCE

1	250 to 1,431 tons	42	29,487	1	250 to 1,142 tons	80	32,276
2	200 " 249 "	3	680	2	200 " 249 "	6	1,290
3	150 " 199 "	11	1,775	3	150 " 199 "	63	7,945
4	100 " 149 "	15	1,810	4	100 " 149 "	102	11,580
5	50 " 99 "	33	2,260	5	50 " 99 "	59	4,555
6	Under 50 "	142	2,071	6	Under 50 "	37	997
	Total.....	246	38,083		Total.....	347	58,643

RIDEAU, OTTAWA

1	250 to 395 tons.....	5	1,640	1	250 to 275 tons.....	2	540
2	200 " 249 "			2	200 " 249 "	2	450
3	150 " 199 "	5	860	3	150 " 199 "	30	4,745
4	100 " 149 "	4	480	4	100 " 149 "	45	5,490
5	50 " 99 "	11	705	5	50 " 99 "	17	1,285
6	Under 50 "	121	1,173	6	Under 50 "	154	1,440
	Total.....	146	4,858		Total	250	13,940

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A—Concluded.

Vessels passed through the Canals during the Season of Navigation in 1906.

CANAL.

UNITED STATES.							
Class.	Steam Vessels.	No.	Ton- nage.	Class.	Sailing Vessels.	No.	Ton- nage.
1	250 to 1,673 tons.....	59	54,806	1	250 to 1,027 tons.....	17	10,710
2	200 " 249 "	1	230	2	200 " 249 "	1	230
3	150 " 199 "	4	650	3	150 " 199 "	0	0
4	100 " 149 "	2	210	4	100 " 149 "	3	330
5	50 " 99 "	10	685	5	50 " 99 "	1	60
6	Under 50 "	24	435	6	Under 50 "	13	302
	Total.....	100	57,016		Total.....	35	11,632

CANAL.

1	250 to 1,147 tons....	15	12,685	1	250 to 873 tons.....	11	4,991
2	200 " 249 " .....	...	...	2	200 " 249 "	2	430
3	150 " 199 "	1	155	3	150 " 199 "	2	345
4	100 " 149 "	3	335	4	100 " 149 "	27	2,870
5	50 " 99 "	7	555	5	50 " 99 "	87	8,125
6	Under 50 "	26	275	6	Under 50 "	1	20
	Total.....	52	14,005		Total.....	130	16,751

AND CHAMBLY CANALS.

1	250 to — tons.....			1	250 to — tons.....		
2	200 " 249 "			2	200 " 249 "		
3	150 " 199 "			3	150 " 199 "	3	450
4	100 " 149 "			4	100 " 149 "	171	18,235
5	50 " 99 "	1	60	5	50 " 99 "	423	39,600
6	Under 50 "	32	340	6	Under 50 "	12	39
	Total.....	33	400		Total	609	58,324

RICHARD DEVLIN,
Compiler of Canal Statistics.

CANALS

CONSOLIDATED

No. 22.—RATES OF TOLLS ON THE CANALS

WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA, CHAMBLY AND MURRAY CANALS

(O. C., April 18, 1873.)

The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock.	Rideau Canal, each way	Ottawa Canals, and St. Ann's Lock, each way.	Ottawa to St. Johns, each way.	Murray Canal, each way.
<i>Class No. 1.</i>	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Vessel, steam.....per ton	01½	0 01½	0 02¼	0.00¾	0 00¾	0 01½	0 00¾	0 01½	0 ¾
" sail and other.....	0 02¼	0 02¼	0 03¾	0 01½	0 01¼	0 02¼	0 01	0 02¾	0 1½
<i>Class No. 2.</i>									
Passengers, 21 years of age and upwards...	0 10	0 10	0 20	0 10	0 05	0 08	0 02½	0 09¾	0 1½
" under 21 years each.....	0 05	0 05	0 10	0 05	0 02	0 04	0 01½	0 04½	0 0¾
<i>Class No. 3.</i>									
Bricks, cement and water-lime.....	15	0 20	0 20	0 15	0 10	0 07	0 06	0 19¾	0 1¾
Clay, lime and sand.....									
Brimstone.....									
Corn.....									
Flour.....									
Iron, railway.....									
" pig.....									
" all other, including steel (O.C., Feb. 1, 1888).....									
Plaster, gypsum.....									
Salt.....									
Salt meats or fish, in barrels or otherwise...									
Agricultural products, vegetable, not enu- merated.....									
Agricultural products, animal, not enumer- ated.....									
Stone, for cutting.....									
Wheat.....									
<i>Class No. 4.</i>									
All other articles not enumerated.....	0 15	20	0 20	0 20	0 10	0 26	0 14	0 29	0 2½

REVENUE
TARIFF OF TOLLS

OF THE DOMINION OF CANADA, 1902.—(1906—Free, O.C., April 27, 1903.)

TRENT VALLEY CANALS.
(O. C., July 25, 1888.)

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Bobcaygeon.	Tolls Charge- able at Buckhorn.	Tolls Charge- able at Burleigh.	Tolls Charge- able at Fenelon Falls.	Tolls Chargeable at Peterborough and Hastings.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 00 ³ / ₆ 0 00 ¹ / ₄	0 00 ³ / ₆ 0 00 ¹ / ₄	0 00 ³ / ₆ 0 00 ¹ / ₄	0 00 ³ / ₆ 0 00 ¹ / ₄	0 00 ³ / ₄ 0 01	0 00 ³ / ₆ 0 00 ¹ / ₄
01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 04 0 02	0 01 0 00 ¹ / ₂
01	01	01	01	0 04	0 01
0 03	0 3	0 03	03	0 12	0 03

WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA, CHAMBLY AND MURRAY CANALS

The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Rideau Canal, each way.	Ottawa Canals and St. Ann's Lock, each way.	Ottawa to St. Johns, each way.	Murray Canal, each way.
Class No. 5.									
Bark	0 20	0 20	0 20	0 15	0 10	0 07	0 06	0 19 ¹ / ₄	0 01 ¹ / ₂
Barrels, empty, each	0 02	0 02	0 02	0 02	0 02	0 02	0 01	0 03 ¹ / ₄	0 00 ¹ / ₄
Boat knees, each	0 05	0 05	0 05	0 02	0 02	0 02	0 01	0 03 ¹ / ₂	0 00 ¹ / ₄
Floats, per 1,000 lineal feet	1 40	1 40	1 40	1 40	1 20	1 05	0 50	2 05	0 17 ¹ / ₂
Firewood, per cord, in vessels	0 20	0 20	0 20	0 20	0 10	0 15	0 08	0 23	0 02 ¹ / ₂
" " rafts	0 25	0 25	0 25	0 25	0 15	0 19	0 09	0 30 ¹ / ₄	0 03 ¹ / ₂
Hoops	0 25	0 25	0 25	0 20	0 15	0 15	0 10	0 30	0 02 ¹ / ₂
Masts and spars, telegraph poles, per ton of 40 cubic feet, in vessels	0 15	0 15	0 15	0 05	0 05	0 08	0 07	0 13 ¹ / ₄	0 00 ⁵ / ₈
Masts and spars, telegraph poles, per ton of 40 cubic feet, in rafts	0 20	0 20	0 20	0 10	0 10	0 15	0 10	0 22 ¹ / ₄	0 01 ¹ / ₄
Railway ties, in vessels, each	0 01	0 01	0 01	0 00 ¹ / ₂	0 00 ¹ / ₂	0 00 ³ / ₄	0 00 ³ / ₄	0 01 ³ / ₄	0 0 ¹ / ₁₆
" " rafts, each	0 02	0 02	0 02	0 01	0 01	0 02	0 01	0 02 ¹ / ₄	0 00 ¹ / ₈
Sawed stuff, boards, plank, scantling and sawed timber, per M feet, board mea- sure, in vessels	0 30	0 30	0 30	0 15	0 10	0 11 ¹ / ₄	0 06 ³ / ₄	0 20	0 01 ⁷ / ₈
Sawed stuff, boards, plank, scantling and sawed timber, per M feet, board mea- sure, in rafts	0 60	0 60	0 60	0 30	0 20	0 19	0 09	0 36 ¹ / ₂	0 03 ³ / ₄
Square timber, per M cubic feet, in vessels	3 00	3 00	3 00	1 00	1 00	0 56	0 44	1 69	0 12 ¹ / ₂
" " rafts	4 50	4 50	4 50	2 00	2 00	1 12	0 63	3 13	0 25
Wagon stuff, woodenware and wood, partly manufactured, per ton of 40 cubic feet	0 40	0 40	0 40	0 40	0 25	0 30	0 20	0 55	0 05
Shingles, per M	0 06	0 06	0 06	0 06	0 04	0 04 ¹ / ₂	0 02 ¹ / ₂	0 08	0 00 ³ / ₄
Split posts and fence rails, per M, in vessels	0 40	0 40	0 40	0 40	0 20	0 23	0 12	0 42	0 05
" " rafts	0 80	0 80	0 80	0 80	0 40	0 38	0 17	0 77	0 10
Saw-logs, each, standard log	0 08	0 08	0 08	0 08	0 05	0 06	0 06	0 13	0 01
Staves and headings, barrel, per M	0 08	0 08	0 08	0 04	0 15	0 15	0 10	0 30	0 02 ¹ / ₂
" " pipe, per M	1 50	1 50	1 50	1 00	1 00	0 75	0 50	1 75	0 12 ¹ / ₂
" " West India, per M	0 75	0 75	0 75	0 60	0 25	0 45	0 25	0 65	0 07 ¹ / ₂
" " salt barrel, sawn or cut, per M	0 08	0 08	0 08	0 04	0 03	0 03	0 02	0 06	0 00 ¹ / ₂
Traverses, per 100 pieces	0 50	0 50	0 50	0 50	0 40	0 38	0 15	0 67 ¹ / ₂	0 06 ¹ / ₄
Hop poles, per 1,000 pieces	2 00	2 00	2 00	2 00	1 50	1 50	0 65	2 65	0 25
Special Class.									
Gypsum, crude (per O.C., Oct. 28, 1892)	0 15	0 05	0 05	0 05	West ward				
Coal	0 20	0 20	0 20	0 15	0 10	0 08	0 05	0 17 ³ / ₄	0 01 ⁷ / ₈
Stone, unwrought, corded, and not suitable for cutting, per cord	0 75	0 75	0 75	0 60	0 37 ¹ / ₂	0 28	0 24	0 77 ¹ / ₂	0 07 ¹ / ₂
Kryolite, iron ore or chemical ore	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 05
Ice	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 11	0 05

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ON THE CANALS—*Continued.*

TRENT VALLEY CANALS.

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Bobcaygeon.	Tolls Charge- able at Buckhorn.	Tolls Charge- able at Burleigh.	Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Peterborough and Hastings.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 13	0 13	0 13	0 13	0 52	0 13
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 02	0 02	0 02	0 02	0 08	0 02
0 02	0 02	0 02	0 02	0 08	0 02
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{8}$	0 00 $\frac{1}{8}$	0 00 $\frac{1}{8}$	0 00 $\frac{1}{8}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{8}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 07	0 07	0 07	0 07	0 28	0 07
0 14	0 14	0 14	0 14	0 56	0 14
0 04	0 04	0 04	0 04	0 16	0 04
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 03	0 03	0 03	0 03	0 12	0 03
0 05	0 05	0 05	0 05	0 20	0 05
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 02	0 02	0 02	0 02	0 08	0 02
0 10	0 10	0 10	0 10	0 40	0 10
0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 22	0 05 $\frac{1}{2}$
0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 02	0 00 $\frac{1}{2}$
0 05	0 05	0 05	0 05	0 20	0 05
0 20	0 20	0 20	0 20	0 80	0 20
Free.	Free.	Free.	Free.	Free.	Free.
0 01	0 01	0 01	0 01	0 04	0 01
0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 14	0 03 $\frac{1}{2}$
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
Free.	Free.	Free.	Free.	Free.	Free.

7-8 EDWARD VII., A. 1908

St. Peter's Canal.

Sec. 2. On each and every vessel passing through the said canal, two cents per ton on the vessel and one cent per ton on the freight, each way. O. C. June 23, 1883. Con. O. C. Oct. 26, 1889, sec. 109. Free, O.C., April 27, 1903.

SPECIAL REGULATIONS RELATING TO TOLLS ON SOME OF THE CANALS.

Sec. 3. Coal may pass up all canals, except the Welland Canal, free of toll. O. C. June 6, 1869. Con. O. C. Oct. 26, 1889, sec. 83. Free, O.C., April 27, 1903.

Sec. 4. Logs, lumber or other produce may pass free of toll down the Chippawa creek, between the Aqueduct and Port Robinson. O. C. May 18, 1863. Con. O. C. Oct. 26, 1889, sec. 84.

Sec. 5. (a.) In view of the dam constructed across the Ottawa river at Carillon whereby the passage of the rapids at that point through the river is rendered difficult and at times impracticable, it appears necessary, owing to the continued difficulty attending passage through the slide built in the dam, that the canal should be used by rafts and until otherwise ordered, free passage be given to rafts through the Carillon canal, subject to such regulations as the Department of Railways and Canals may find necessary in the interest of the traffic of the canal to adopt. O. C. July 6, 1888.

Sec. 5. (b.) "Save in cases for which special permission may be given the Grenville Canal is closed to the passage of rafts, or any portion of a raft of any kind whatever." O. C. June 27, 1890.

Sault Ste. Marie Canal.

Sec. 6. All vessels and freight shall be permitted to pass through the Sault Ste. Marie canal free of toll upon such vessels and freight, until otherwise ordered.

Sec. 7. (a.) All up bound goods on which full tolls have been paid for passage through the whole of the St. Lawrence canals, or for passage through the Lachine canal, the Ottawa and Rideau canals or for passage through the Ottawa and Rideau canals shall be entitled to pass free through the Welland canal, or any portion thereof, and tolls paid for passage through the Chambly canal, on goods thereafter so becoming entitled to the above privilege, shall be refunded at Montreal. All down bound goods on which full tolls have been paid for passage through the Welland canal shall be entitled to pass free through any or all of the above mentioned canals, or through any portion thereof. O. C. May 17, 1897.

(b.) All articles, goods or merchandise, not enumerated above, shall be charged to class No. 4. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889, sec. 86.

Sec. 8. Goods shipped to any port west of the St. Lawrence canals, tolls upon which have already been paid for passage through such canals, may be re-shipped from such port and be passed through the Welland canal free of tolls, in the same way as if they had been shipped through direct in the first instance; and goods going eastward, having paid Welland canal tolls, may be transhipped at any port on Lake Ontario, and thereafter pass free through the St. Lawrence canals, as if they had been shipped through direct in the first instance. O. C. June 23, 1883. Con. O. C. Oct. 26, 1889, sec. 87.

Sec. 9. Iron ore, kryolite or chemical ore, may pass through one section, or through all the canal sections aforesaid, for 5 cents per ton. Free, O.C., April 27, 1903.

Sec. 10. No let-passes shall be issued to steam tugs or other small vessels for less than 25 cents, as a minimum charge; but such vessels, not carrying freight or passengers, can obtain, on payment of \$30 a season "Let-Pass," which will pass them up and down the canals as often as desired. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889, sec. 86. Free, O.C., April 27, 1903.

Sec. 11. All vessels owned or chartered by persons having contracts for the enlargements or repair of any of the canals, and employed by them in removing earth or carrying materials necessary for the prosecution of such works, shall be entitled to pass through such canals free of toll upon such vessel and cargo. O. C. April 22, 1884. Con. O. C. Oct. 26, 1889, sec. 35.

Sec. 12. Government dredges and scows shall be permitted to pass through the canals free of tolls, but that such dredges and scows shall not be so passed as to interfere with the passage of other vessels of any kind whatever. O. C. May 18, 1891.

HARBOUR DUES.

Sec. 13. Vessels receiving or discharging freight at the premises of the Welland railway, at Ports Colborne or Dalhousie, are to be free from harbour dues; but all other vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of freight so received or discharged, two cents. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889.

WAY RATES.

Sec. 14. The following way rates are to be levied on vessels and property passing the several subdivisions of the canals :—

Welland Canal.

	Rate.
1. From Port Maitland, Dunnville and Port Colborne to Port Robinson or Allanburg, not passing the lock, each way.....	$\frac{1}{2}$
2. From Chippawa cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....	$\frac{5}{8}$
3. From Dunnville to Port Colborne.....	$\frac{1}{2}$
4. From Thorold to St. Catharines or Port Dalhousie.	$\frac{1}{2}$
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places.	$\frac{5}{8}$
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson.....	$\frac{5}{8}$
7. From Port Robinson to Allanburg or Thorold.....	$\frac{5}{8}$
8. From Port Robinson to St. Catharines or Port Dalhousie.....	$\frac{1}{2}$
9. From St. Catharines to Port Dalhousie.....	$\frac{1}{8}$
10. From Dunnville to Maitland.....	$\frac{1}{4}$
11. From Port Robinson through the lock and Chippawa cut.....	$\frac{1}{4}$
12. Form Port Colborne to Port Maitland.....	$\frac{1}{2}$
13. From Chippawa cut through lock to Port Robinson.....	$\frac{1}{4}$
14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....	$\frac{5}{8}$
15. From Colborne, Dunnville, Maitland and Marshville to St. Catharines.....	$\frac{7}{8}$
16. Through the Chippawa cut only..	$\frac{1}{8}$
17. Through the Port Robinson lock only.....	$\frac{1}{8}$

St. Lawrence Canals.

Sec. 15. The navigation is divided into four sections, viz., Cardinal, Cornwall, Beauharnois or Soulanges and Lachine. Tolls are to be levied on all vessels and property in proportion to the number of sections passed through.

Chambly Canal.

	Rate.
Sec. 16. Vessels and property passing from Sorel to Chambly, to pay.....	$\frac{1}{3}$
Vessels and property passing from Chambly to St. Johns, to pay.....	$\frac{2}{3}$

Ottawa Canals.

Sec. 17. The navigation is divided into three sections, viz., Grenville, Carillon and Ste. Anne's. Tolls are to be levied on all vessels and property in proportion to the number of sections passed through.

Rideau Canal.

Sec. 18. The navigation of this canal is divided into three sections, viz., Ottawa, Smith's Falls and Kingston Mills. Vessels and freight passing one section are to be charged one-third ; two sections, two-thirds. O.C. April 18, 1873. Con. O.C. Oct. 26, 1889, secs. 77, 78, 79, 80 and 81. —

Tay canal to be part of the Rideau canal and the following rates of tolls to be levied upon the said Tay branch of the Rideau canal system, viz. :—

- Perth to Smith's Falls, 1 section, or one-third of Rideau canal rates, each way.
- Perth to Kingston, 2 sections, or two-thirds Rideau canal rates, each way.
- Perth to Ottawa basin, 2 sections, or two-thirds Rideau canal rates, each way.
- Perth to River Ottawa, 3 sections, full Rideau canal rates, each way. O.C. Sept. 27, 1890.

General.

Sec. 19. (a.) Any fraction of a ton freight is to be charged one ton, and portions of sections are to be charged as a whole section on all the above canals.

(b.) The passing of saw-logs or other lumber through any of the canals, or sections thereof, shall be at all times governed by the regulations for their management. O.C. April 18, 1873. Con. O.C. Oct. 26, 1889, sec. 82.

Sec. 20.—STANDARD FOR ESTIMATING WEIGHTS, FOR CANAL TOLLS.

	Tons.		Tons.
2,000 lbs. avoirdupois.	1	Sheep, 20	1
Per M. is per thousand feet		Stone, 12 cubic feet	1
Per mile is per thousand pieces		Stone, 1 cord	7½
Green fruit, 9 barrels are	1	Whisky, 4 barrels or 215 gallons	1
Ashes, 3 barrels are	1	Empty barrels, 10.	1
Bark, 4 cords	1	Barrel hoops, 10 mille	1
Beef, 7 barrels	1	Board and other sawed lumber, 600 feet board measure	1
Biscuit and crackers, 9 barrels	1	Boat knees, 4	1
Bricks, common, 1,000	2	Firewood, 1 cord	3
Butter, 22 kegs or 7 barrels	1	Hop poles, 60 or 40 cubic feet	1
Cattle, 3	1	Shingles, 12 M. or bundles	1
Cement and water-lime, 7 barrels	1	Split posts and fence rails, 1 mille	1
Fire-bricks, 1,000	3	Staves and headings, pipe, 1 mille	8
Fish, 7 barrels	1	" " W. India, 1 mille	4
Flour, 9 barrels	1	" " barrel, 1 mille	2½
Gypsum and manganese, 6 barrels	1	" " salt barrel, 1 mille	0½
Horses, 2	1	Saw-logs, standard, 1	0¾
Lard and tallow, 7 barrels or 22 kegs	1	Square timber, 50 cubic feet	1
Liquors and spirits, 215 gallons	1	Telegraph poles, 10, or 40 cubic feet	1
Liquids, all others, 215 gallons	1	Masts and spars, 40 cubic feet	1
Nuts, 9 barrels	1	Railroad ties, 16, or 50 cubic feet	1
Oysters, 6 barrels	1	All other woodenware, or partly manufac- tured wood, 40 cubic feet as per tariff	1
Pork, 7 barrels	1	Traverses, 40 cubic feet, or 5 pieces	1
Refined oil in bulk, 250 gals., O.C., July 24, '00.	1	Floats, 50 lineal feet	1
Salt, 7 barrels	1		
Seeds, 9 barrels	1		

NOTE.—By the Weights and Measures Act, chapter 104 of the Revised Statutes of Canada, section 14, all the following named articles are to be estimated by the cental of 100 lbs.
The weight equivalent to a bushel being as follows:—Wheat, 60 lbs. ; Indian corn, 56 lbs. ; rye, 56 lbs. ; pease, 60 lbs. ; barley, 48 lbs. ; oats, 34 lbs. ; beans, 60 lbs. ; clover seed, 60 lbs. ; timothy seed, 48 lbs. ; buckwheat, 48 lbs. ; flaxseed, 50 lbs. ; blue grass seed, 14 lbs. ; hemp seed, 44 lbs. ; malt, 36 lbs. ; castor beans, 40 lbs. ; potatoes, turnips, carrots, parsnips, beets and onions, 60 lbs. ; bituminous coal, 70 lbs.

TOLLS AT SHEDS AT LACHINE CANAL BASIN.

Sec. 21. The following tolls shall be levied upon property stored at the sheds at the Lachine Canal basin :—

	Cents.
Wheat and other grain, per week, per bushel	1
Meal " per barrel	4
Pork, beef, butter and lard " "	5
Muscovado sugar " per hhd., 10 cents ; per brl	5
Liquors " { per pipe, 15 cents ; per pun	12
" { per hhd., 10 cents ; per qr. cask	7
Iron, bars " per ton	24
Iron, pig " "	12
Salt, except at the St. Ga- briel sheds " per 100 minots	36
Salt at the St. Gabriel sheds, Montreal, after the first 48 hours " per bag	½
Bales, crates, cases, &c. " per ton weight or measurement	24
Coals " per chaldron	12

Sec. 22. (a.) No charge shall be made for property stored in the sheds of the Lachine Canal basin for the first forty-eight hours, after which period, except in the case of flour, the foregoing rate of storage for the use of the sheds are to be raised, levied and collected.
(b.) Articles unenumerated are to be charged according to the above rates as nearly as the same can be computed.
(c.) All property stored in the sheds remaining after the first forty-eight hours will be liable to one week's storage, although it should only have been stored for a portion of the same, and so on for each succeeding week.
(d.) The labour of receiving property into the sheds and delivering the same shall be at the expense of and be furnished by the owners of the property or their agents.

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(e.) All property stored in these sheds shall be at the risk of the proprietor from damage by fire or otherwise.

f.) All dues for storage shall be paid before the removal of the property. O. C. August 21, 1846, October 28, 1846. Con. O. C. Oct. 26, 1889, secs. 90 and 91.

Flour.

Sec. 23. (a.) Flour shall be allowed to remain in the sheds for two whole days free of charge.

(b.) If kept there beyond two days or 48 hours, such flour shall be liable to a charge of one cent per day per barrel for the first four days after the expiration of the 48 hours of the exemption.

(c.) Should the flour be kept in the sheds beyond four days at one cent per day per barrel, it shall be liable to pay two cents per day per barrel for every day subsequent to the expiration of such four days.

(d.) Any part of a day shall be considered as one day. O. C. May 31, 1856. Con. O. C. Oct. 26, 1889, sec. 92.

WHARFAGE DUES ON COAL FOR LOCAL CONSUMPTION IN MONTREAL.

Sec. 24. Coal for local consumption in Montreal, landed on canal property between Montreal harbour and Lachine, O.C., April 22, 1902, from vessels other than sea-going, and entering the Lachine canal from Montreal harbour, shall be charged wharfage dues at the rate of five cents a ton.

Coal screening shall be charged 3 cents a ton. Con. O. C. Oct. 26, 1889, sec. 93. O. C. May, 18, 1892.

CHARGES FOR WHARFAGE ON FIREWOOD ON WHARFS AND BANKS OF LACHINE CANAL.

Sec. 25. The following rates of tolls shall be collected as herein mentioned that is to say:—

(a.) Firewood landed on wharfs or banks of the Lachine canal, or in boats, barges or other craft occupying any of the basins between Wellington Street bridge and Lock No. 3, four cents per cord, and for every day the wood is allowed to remain in either the canal or basin, or on the wharfs or banks after the first five days, an additional charge of four cents per cord. O. C. August 7, 1860. Con. O. C. Oct. 26, 1889, sec. 94.

(b.) The clause next preceding shall not only apply to the rates of toll to be collected on firewood on wharfs at Lachine and the Lachine canal and basin, but are also extended and made applicable to the banks and grounds at Côte St. Paul and at Lachine. O. C. Jan. 27, 1862. Con. O. C. 1889, sec. 94.

CANAL BASINS IN MONTREAL PART OF MONTREAL HARBOUR.

Sec. 26. Whereas under existing regulations for the collection of canal tolls, eastern bound vessels having paid the charges one way in full through the Welland canal are chargeable one Section Canal Toll if re-entering the Lachine canal;

And whereas vessels loaded with grain destined for the Montreal harbour frequently unload only part of their cargoes on board sea-going vessels in the harbour, and re-enter the Lachine canal for the purpose of unloading the balance of their cargoes either in elevators or mills located along the canal basins;

It is ordered that the Lachine canal basins, within the Montreal city limits, be considered as part of the Montreal harbour, in so far only as regards the collection of tolls on the class of vessels above referred to, which re-enter that portion of the canal for the purpose of unloading the balance of their cargoes, but that the same shall not apply any further, as in the event of vessels returning to the harbour to take cargo, in which case the usual toll shall be charged against them on passing out of the canal a second time into the harbour. O. C. Aug. 8, 1878. Con. O. C. Oct. 26, 1889, sec. 95. Free O.C. April 27, 1903.

PHOSPHATES.

Sec. 27. Whereas vessels laden with grain for delivery in Montreal harbour frequently carry also deck loads of phosphates, and being compelled to proceed at once to the harbour for the discharge of the grain, they pay tolls through to that point, subsequently re-entering the Lachine Canal for the storage of the phosphates, and in accordance with the existing regulations, paying canal dues a second time for such re-entry;

It is ordered that the Lachine canal basins, within the Montreal city limits, be considered as part of the Montreal harbour, for the purpose of the unloading of phosphates carried by vessels in addition to their grain cargoes as described in this section; it being, however, provided that in the event of their returning to the harbour to take cargo, the usual tolls shall be charged against such vessels on their passing out of the canal a second time. O. C. July 12, 1881. Con. O. C. Oct. 26, 1889, sec. 96. Free, O.C., April 27, 1903.

Extract from the Act, Canada, 1894, c. 48, amending and consolidating the Acts relating to the Harbour Commissioners of Montreal.

HARBOUR RATES WHARFAGE DUES IN ALL BASINS OF THE LACHINE CANAL ON SEA-GOING VESSELS.

Sec. 28. The corporation may, from time to time, levy such rates as are approved of by the Governor in Council, upon all goods landed or shipped in the harbour, moved by rail on the harbour tracks, or deposited within the harbour, except arms, ammunition and military accoutrements, and other munitions of war for the use of the Government or for the defence of the Dominion. 40 V., c. 53, s. 2, part 2. For the purposes of this section, the lower basins of the Lachine canal shall be held to form part of the harbour of Montreal, and the corporation may levy from all vessels entering the same through the harbour for the purpose of discharging or loading there, except canal craft trading between Montreal and places above Montreal, the same rates as may be levied in the harbour and under the same regulations and penalties. In all other respects the said lower basins shall be and remain under the jurisdiction of the Minister of Railways and Canals. 18 V., c. 143, s. 18; 40 V., c. 53, s. 2, part 2.

All property delivered or received by sea-going vessels in the Lachine canal basins at Montreal (except the old lower basin) shall be charged wharfage dues as follows :—

All goods, wares and merchandise not elsewhere specified.....	25 cents per ton.
Hay, straw, pig and scrap iron, pot and pearl ashes.....	20 "
Apples, crates and their contents, flour and meal, fish, meats, pitch, potatoes, tar, horses, neat cattle, sheep and swine.....	15 "
Ballast, clay, fire-bricks, gypsum, lime, marble, phosphate, sand, salt.....	10 "
Coal and coke, grain and seeds of all kinds	6 "
Special—Bricks, 10 cents per 1,000; cordwood, 5 cents per cord; lumber, 10 cents per 1,000 feet, board measure.	
Bullion specie	Free.
Coal screenings.....	3 "
Each entry shall pay not less than 5 cents.	

All property landed on the canal wharfs for re-shipment, or transhipped in canal waters, shall pay one wharfage only.

Lumber upon which tolls have been paid for passage down the Lachine canal, and which is re-shipped from the wharfs or vessels into sea-going vessels, shall pay wharfage dues equal to one section of canal tolls, viz., 3¼ cents per 1,000 feet board measure. O.C. Jan. 26, 1883. Con. O.C. Oct. 26, 1889, secs. 98, 99, 100 and 101. O.C. May 18, 1892.

Sec. 29.—Standard for Estimating Weights.

Ashes, pot or pearl.....	3 brls. to 1 ton.
Apples, flour, meal, potatoes.....	9 " 1 "
Fish, meat, pitch, tar	7 " 1 "
Horses	2 to 1 ton.
Neat cattle.....	3 to 1 "
Sheep.....	15 to 1 "
Swine.....	10 to 1 "
O.C. April 1, 1881. Con. O.C. Oct. 26, 1889, sec. 102.	

TOLLS ON FLOATED TIMBER, ETC., ENTERING THE BASIN AT LACHINE.

Sec. 30. The following rates of tolls shall be collected on floated timber, lumber and firewood entering the basin at Lachine and Lachine canal :—

Kinds of Timber.	For receiving Timber, &c., to include use of Basin and Wharf for one Month.	For each succeeding month during the Season of Navigation.	For Wintering in Basin or on Wharf.
	Cents.	Cents.	Cents
Timber, square or round, of all kinds, above 12 x 12, per M cubic feet.....	25	20	35
Timber, round or flattened, of all kinds, under 12 x 12, per M lineal feet.....	20	15	30
Planks and boards to include all kinds of sawed lumber in rafts, per M feet, board measure.....	3	2	3
Saw logs, 12 feet long, if longer in same proportion per log	1	½	2
Floats, per 100	10	5	10
Traverses, per 100.....	10	5	10
Fence posts and rails, per M	10	5	10
Staves, barrel, per M.....	8	4	8
" pipe	8	4	8
" West India, per M.....	8	4	8
Firewood on bank of canal between Lock No. 3 and Lock No. 5, and also on wharfs in canal basin at Lachine.....	3	3	3

Note.

Sec. 31. (a.) No allowance shall be made for fractional parts of a month or winter season.
(b.) The firewood shall be corded across the bank while being delivered from the boat in such manner and at such points as the superintending engineer may direct.
(c.) The rates on timber to take effect upon the completion of the booms in Lachine canal. O.C. June 8, 1860. Con. O.C. Oct. 26, 1889, secs. 103 and 104.

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CHARGES ON VESSELS WINTERING IN LACHINE AND WELLAND CANALS.

Sec. 32. The following rates per ton shall be charged for wintering vessels in the Lachine canal, viz. :—For each boat, barge, scow or other vessel of ten tons measurement or under, seventy cents per vessel for the entire winter, and every ten tons above the first ten, an additional rate of eight cents, O.C. Aug. 22, 1879. Con. O.C. Oct. 26, 1889, sec. 97.

Sec. 32 (a.) The above rates shall also apply to the Welland Canal. (O.C. June 8th, 1901.)

CHARGES FOR WINTERING VESSELS IN RIDEAU CANAL.

Sec. 33. The winterage dues for vessels wintering in the canal basin, at Ottawa or other points along the line of the Rideau canal, shall be as follows :—

In canal basin, Ottawa, steamers per season.....	\$ 8 00
" " barges "	4 00
Inside locks " steamers "	50 00
other stations " "	15 00

If the Minister of Railways and Canals deems it advisable, he is authorized to take security from parties wintering their vessels in locks against damage to Government property by fire. O.C. March 19, 1887. Con. O.C. Oct. 26, 1889, sec. 105.

CHARGES FOR WINTERING VESSELS IN THE OTTAWA RIVER CANALS AND LOCKS.

Sec. 34. The charge for vessels wintering on the Ottawa river canals and locks, and the same is hereby prescribed accordingly, namely :

In Carillon canal, steamers per season	\$ 8 00
" " barges "	4 00
Grenville canal, steamers "	8 00
" " barges "	4 00
Inside locks, Ste. Anne, Carillon and Grenville canals, steamers per season.....	25 00
" Culbute canal, per season.....	15 00

Such security against damage by fire to be taken by way of bond as, in the opinion of the Minister of Railways and Canals, may seem desirable. O.C. Oct. 14, 1892.

Sec. 35. No charges to be made for vessels wintering outside the locks of any government canal. O.C. Dec. 12, 1889.

CHARGES FOR REPAIRING VESSELS ON THE BANKS OF CANALS.

Sec. 36. (a.) Persons using the banks of the Lachine canal as a site for the repair of their vessels shall be subject to a charge of four dollars, payable in advance, for each vessel; the period during which such site may be occupied under any one payment being limited to six months, and permission for repairing being first obtained from the proper officer, in conformity with the existing canal regulations.

(b.) In the event of failure to remove vessels so occupying the banks at the expiration of the period named, no fresh permits having been obtained, such vessels may be sold under the 16th section of the canal regulations. O.C. March 5, 1880. Con. O.C. Oct. 26, 1889, sec. 106.

Sec. 37. Rules with respect to the repairing of vessels on the banks of the Lachine canal, the Beauharnois and the Chambly :—

(a.) Repairs shall only be executed at such points as may be indicated and approved by the superintending engineer.

(b.) For each vessel hauled up or beached for repairs, a charge of one dollar, over and above all other charges, shall be made, carrying the privilege of remaining one month, a further sum of one dollar being charged for each additional month, or fraction of a month, the vessel may remain.

(c.) In cases, however, where a vessel hauled up for repairs upon the canal bank remains there throughout the winter, a charge of four dollars only shall be made (in addition to the ordinary winterage dues), the period covered being from the 1st of November to the 1st of June, inclusive.

(d.) Any vessel remaining on the canal bank after having wintered thereon shall be charged at the rate of one dollar a month or fraction of a month of her subsequent stay.

(e.) Any vessel remaining more than one year on the bank of the canal shall for such time as she may remain in excess of that period pay at the rate of two dollars a month or fraction of a month throughout the whole year.

(f.) All charges shall be payable at the collector's office in advance on the first day of each month.

(g.) These rules shall be understood as applying to all cases where the canal bank is used in any manner for the repairs of vessels, whether such vessels are actually hauled up or not. O. C. August 6, 1881. Con. O. C. Oct. 26 1889, sec. 107.

DRY DOCK CHARGES.

Trent Valley Canal.

Sec. 38. The following tolls and dues shall be charged for the use of the dry dock at Bobcaygeon, and of any of the locks on the Trent Valley canal, during the winter or other shorter period :—

For Vessels	Wintering.	Per day.	Per week.
Over 15 tons.....	\$30 00	\$4 00	\$12 00
15 tons and under.	20 00	3 00	10 00

(O. C. Oct. 31, 1890.)

Rideau Canal.

Sec. 39. The following tariff of tolls and regulations shall be, and the same are hereby established for the use of the dry dock on the Rideau canal at Ottawa :—

- (1) Steamers entering dock \$ 8 00
- Each day or portion of a day after day of entrance..... 2 50
- (2) Barges entering dock 5 00
- Each day or portion of a day after day of entrance..... 2 50
- (3) Steam yachts or launches..... 5 00
- Each day or portion of a day after day of entrance 2 50
- (4) Boats wintering in the dry dock from the close to the opening of navigation..... 50 00
- For every day such boat remains in the dock after the opening of navigation..... 8 00

(5) No vessel of any class shall be in the dock over six days after notice is given in writing by the lockmaster that the dock is required for another vessel unless a satisfactory agreement between all parties interested is arrived at.

(6) All entrances and discharge of vessels are covered by entrance fee.

(7) All drying off of vessels of all classes in the locks at Ottawa or Hartwell's during the season of navigation is prohibited unless for special reasons.

The owners of vessels of all classes to render the required assistance to open and close the gate under the supervision of the superintending engineer.

Vessel owners to supply all blocks, &c., to shove their boats up to make the necessary repairs and all refuse to be properly cleared out to the entire satisfaction of the lockmaster before leaving the dock.

(O. C. Dec. 28, 1893.)

Sec. 40. The use of horses for towage purposes between the lower entrance of the Cornwall canal and lock No. 20, be prohibited during the works of enlargement of that portion of the Cornwall canal (O.C. Aug. 20, 1890.)

Sec. 41. As the prohibition of the use of horses for towing purposes, between the lower entrance of the Cornwall canal and Lock No. 20 during the progress of the works of canal enlargement, has entailed the use of tugs and consequently expenses to the parties concerned, that all tugs, used solely for the purposes of towing on the section in question, be permitted to pass free of toll, up and down the canal between the lower entrance of the canal and lock No. 20, until the completion of the enlargement of the works on that section. (O. C. Sept. 27, 1890.)

SPECIAL RATES FOR 1902 ONLY.—1903. Free.

Sec. 42. For season of 1902 the Canal Tolls for the passage of the following food products :—wheat, Indian corn, pease, barley, rye, oats, flax seed and buckwheat, for through passage eastward through the Welland canal, be ten cents per ton, and for through passage eastward through the St. Lawrence canals only, ten cents per ton ; payment of the said toll of ten cents per ton through the Welland canal to entitle these products to free passage through the St. Lawrence canals, or any portion thereof. (O. C. April 1, 1902.) Also special rates, are granted to grain, &c., carried on the O. A. & P. S. and Canada Atlantic Railway systems, from Depot Harbour to Coteau landing and thence by canal to Montreal, as follows, viz. :—Wheat, Indian corn, pease, barley, rye, oats, flaxseed and buckwheat, 2½ cents per ton, and all rolling said package freight, 5 cents per ton. (O. C. April 1, 1902.) Free, O.C., April 27, 1903.

Sec. 43. (a.) That for the current season of navigation of 1902, there shall be allowed in the case of steamships specially chartered for the conveyance of excursion parties, going and coming the same day, a reduction of one-half of the usual passenger tolls for passage through the Government canals, it being distinctly understood that no freight is to be carried by the said steamers on such excursions. (O. C. April 25, 1902.) Free, O.C., April 27, 1903.

Sec. 43. (b.) Whereas the Canal Tolls payable for passage through the Welland and St. Lawrence canals of barrel staves and headings, are 40 cents per 1,000 in the case of ordinary materials, such as those for sugar and flour barrels ; while in the case of staves and headings for salt barrels the charge is 8 cents per 1,000 only.

And whereas application is made to have this distinction removed on the ground that sugar and flour cooperage is of the same weight as salt cooperage.

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His Excellency in virtue of the provisions of chapter 38 of the Revised Statutes of Canada, intituled "An Act respecting the Department of Railways and Canals," and by and with the advice of the Queen's Privy Council for Canada, is pleased to order that Class 5 of the existing Tariff of tolls for passage through the Canals of the Dominion, established by the Order in Council of the 25th March, 1895, shall be and the same is hereby amended to the effect, and to that effect only, of removing the distinction between ordinary and salt barrel staves and headings, and making the tolls payable for these articles the same, namely, those at present charged on salt barrel staves and headings, on all the canals of the Dominion. (O. C. May 28, 1897.)

SPECIAL RATES ON SAND AND STONE.

Sec. 43. (c.) On the recommendation of the Acting Minister of Railways and Canals, the rate of tolls on sand and stone used in the construction of the bridge being built at Cornwall by the Ottawa and New York Railway was reduced from 15 and 20 cents to $7\frac{1}{2}$ and 10 cents respectively. (O. C. August 27, 1898.)

APPENDIX B.
DOMINION CANALS.

The canal systems of the Dominion, under government control in connection with lakes and navigable rivers, are as follows :—

First.—The through route between Montreal and the head of Lake Superior (14 feet minimum depth of water.)

	Miles.
1. Lachine canal.....	8½
Lake St. Louis and River St. Lawrence.....	16
2. Soulanges canal.....	14
Lake St. Francis and River St. Lawrence.....	33
3. Cornwall canal.....	11
River St. Lawrence.....	5
4. Farran's Point canal.....	1½
River St. Lawrence.....	10
5. Rapide Plat canal.....	3¾
River St. Lawrence.....	4
6. Galops canal.....	7½
River St. Lawrence and Lake Ontario.....	236
7. Welland canal.....	26¾
Lake Erie, Detroit river, Lake St. Clair, Lake Huron, &c.	580
8. Sault Ste. Marie canal.....	1¼
Lake Superior to Port Arthur.....	266
Total	<u>1,223½</u>
To Duluth.....	1,357
Chicago.....	<u>1,286</u>

Second.—Ottawa to Lake Champlain.

1. Grenville. 2. Carillon. 3. St. Anne's. 4. Chambly. 5. St. Ours canals.

Third.—Ottawa to Kingston and Perth.

1. Rideau canal.

Fourth.—Lake Ontario at Trenton to Lake Huron at mouth of River Severn.

1. Trent canal (not completed).

Fifth.—Ocean to the Bras d'Or lakes.

1. St. Peter's canal.

SESSIONAL PAPER No. 20a

RIVER ST. LAWRENCE AND LAKES.

The River St. Lawrence with the system of canals established on its course above Montreal, and the Lakes Ontario, Erie, St. Clair, Huron and Superior, with connecting canals, afford a course of water communication extending from the Straits of Belle Isle to Port Arthur, at the head of Lake Superior, a distance of 2,200 statute miles. The distance to Duluth is 2,343 statute miles. The distance to Chicago, 2,272 miles.

From the Straits of Belle Isle, at the mouth of the St. Lawrence, to Montreal, the distance is 986 miles. From Quebec to Montreal, the distance is 160 miles. Owing to the shallowness of the waters on a portion of the river between these two places, particularly through Lake St. Peter, vessels drawing more than from ten to twelve feet were formerly barred from passage for the greater part of the season of navigation. In 1826, the question of deepening the channel was first definitely mooted, but it was not until 1844 that any dredging operations were begun. In that year, the deepening of a new straight channel was commenced, but the scheme was abandoned in 1847. In 1851 the deepening of the present channel was begun. At that time the depth of the channel at low water was 10 feet 6 inches. By the year 1869, this depth had been increased to 20 feet, by 1882 to 25 feet, and by the close of 1888 the depth of 27½ feet, at low water, was attained for a distance of 108 miles from Montreal to a point within tidal influence. This work is now being continued by the government of Canada, which in 1888, under the provisions of the Act 51 Vic., ch. 5, of that year, assumed the indebtedness. The channel has a minimum width of 300 feet, extending to 550 feet at points of curvature. The channel is lighted and buoyed.

Navigation, which is closed by ice during the winter months, opens about the end of April.

Montreal has by this work been placed at the head of ocean navigation, and here the canal systems of the River St. Lawrence begin, overcoming the various rapids by which the river channel upwards is obstructed, and giving access through the St. Lawrence canals, the Welland canal, the great lakes and the Sault Ste. Marie canal, to the head of Lake Superior.

The difference in level between the point on the St. Lawrence, near Three Rivers, where tidal influence ceases, and Lake Superior, is about 600 feet.

The Dominion canals, constructed between Montreal and Lake Superior, are the Lachine, Soulanges, Cornwall, Farran's Point, Rapide Plat, Galops, Murray, Welland and Sault Ste. Marie. Their aggregate length is 73 miles; total lockage (or height directly overcome by locks), 551 feet. The number of locks through which a vessel would pass in its passage from Montreal, at the head of ocean navigation, to the head of Lake Superior is 48. The Soulanges canal takes the place of the Beauharnois canal; the latter may be abandoned for navigation purposes.

Communication between Lakes Huron and Superior is obtained by means of the Canadian Sault Ste. Marie canal, and also by the St. Mary's Falls canal, situated on the United States side of the River St. Mary. Both these canals are free of toll.

It is important to note that the enlargement of the canals on the main route between Montreal and Lake Erie comprises locks of the following minimum dimensions: Length, 270 feet; width, 45 feet; depth of water on sills, 14 feet. The length of the vessels to be accommodated is limited to 255 feet. At Farran's, in the canal of that name, the lock is 800 feet long. A similar lock is built at Iroquois on the Galops canal, the object being to pass a full tow at one lockage.

LACHINE CANAL.

Length of canal	8½ statute miles.
Number of locks	5
Dimension of locks	270 feet by 45 feet.
Total rise or lockage	45 feet.
Depth of water } at two locks.	18 "
} on sills. } at three locks.	14 "
Average width of new canal	150 "

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The old lift locks, 200 feet by 45 feet, are still available, with 9 feet of water on mitre sills.

The canal consists of one channel, with two distinct systems of locks, the old and the enlarged. There are two lock entrances at each end.

The canal extends from the city of Montreal to the town of Lachine, overcoming the St. Louis rapids, the first of the series of rapids which bars the ascent of the River St. Lawrence. They are 986 miles distant from the Straits of Belle Isle.

SOULANGES CANAL.

Length of canal.....	14 statute miles.
Number of locks { lift.....	4
guard.....	1
Dimensions of locks.....	280 feet by 45 feet.
Total rise or lockage.....	84 feet.
Depth of water on sills.....	15 "
Breadth of canal at bottom.....	100 "
Breadth of canal at water surface.....	164 "
Number of arc lights.....	219 of 2,000 c. p. each.

The canal extends from Cascade point to Coteau landing, overcoming the Cascade Rapids, Cedar rapids and Coteau rapids.

From the head of the Lachine to the foot of the Soulanges, the distance is sixteen miles.

CORNWALL CANAL.

Length of canal.....	11 statute miles.
Number of locks.....	6
Dimensions of locks.....	270 feet by 45 feet.
Total rise or lockage.....	48 feet.
Depth of water on sills.....	14 "
Breadth of canal at bottom.....	100 "
Breadth of canal at water surface.....	164 "

The old lift locks, 200 feet by 45 feet, are also available, with nine feet of water on mitre sills.

From the head of the Soulanges to the foot of the Cornwall canal there is a stretch through Lake St. Francis, of $32\frac{3}{4}$ miles, which is being made navigable for vessels drawing fourteen feet.

The Cornwall canal extends past the Long Sault rapids from the town of Cornwall to Dickinson's landing.

WILLIAMSBURG CANALS.

The Farran's Point, Rapide Plat and Galops canals are collectively known as the Williamsburg Canals.

FARRAN'S POINT CANAL.

Length of canal.....	$1\frac{1}{2}$ mile.
Number of locks.....	1
New lock.....	800 feet by 45 feet.
Old lock.....	200 "
Total rise or lockages.....	$3\frac{1}{2}$ feet.
Depth of water on sills of new lock.....	14 "
Depth of water on sills of old lock.....	9 "
Breadth of canal at bottom.....	90 "
Breadth of canal at water surface.....	154 "

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From the head of the Cornwall canal to the foot of Farran's Point canal, the distance on the River St. Lawrence is five miles. The latter canal enables vessels ascending the river to avoid Farran's Point rapid, passing the full tow at one lockage. Descending vessels run the rapids with ease and safety.

RAPIDE PLAT CANAL.

Length of canal.....	3 $\frac{2}{3}$ miles.
Number of locks.....	2
Dimensions of locks.....	270 feet by 45 feet.
Total rise or lockage.....	11 $\frac{1}{2}$ feet.
Depth of water on sills.....	14 "
Breadth of canal at bottom.....	80 "
Breadth of canal at surface of water.....	152 "

The old lift lock, 200 feet by 45, is also available, with nine feet of water on mitre sills.

From the head of Farran's Point canal to the foot of Rapide Plat canal, there is a navigable stretch of 10 $\frac{1}{2}$ miles. This canal was formed to enable vessels ascending the river to pass the rapids at that place Descending vessels run the rapids safely.

GALOPS CANAL.

Length of canal.....	7 $\frac{3}{4}$ miles.
Number of locks.....	3
Dimensions of locks. { one of which is }	2-270 by 45.
{ a guard lock. }	1-800 by 45.
Total rise of lockage.....	15 $\frac{1}{2}$ feet.
Depth of water on sills.....	14 "
Breadth of canal at bottom.....	80 "
Breadth of canal at surface of water.....	144 "

From the head of Rapide Plat canal to Iroquois, at the foot of the Galops canal, the St. Lawrence is navigable 4 $\frac{1}{2}$ miles. The canal enables vessels to overcome the rapids at Pointe aux Iroquois, Point Cardinal and the Galops.

MURRAY CANAL.

Length between eastern and western pier heads..	5 $\frac{1}{6}$ miles.
Breadth at bottom.....	80 feet.
Breadth at water surface.....	120 "
Depth below lowest known lake level.....	11 "
No locks.	

This canal extends through the Isthmus of Murray, giving connection westward between the head waters of the Bay of Quinté and Lake Ontario, and thus enabling vessels to avoid the open lake navigation.

WELLAND CANAL.

Main line from Port Dalhousie, Lake Ontario, to Port Colborne, Lake Erie.

	Old Line.	Enlarged or New Line.
Length of canal.....	27 $\frac{1}{2}$ miles	26 $\frac{3}{4}$ miles.
Pairs of guard-gates (formely 3)...		2
Number of locks { lift.....	26	25
{ guard.....	1	1
Dimensions.....	{ 1 lock 200 x 45 1 lock 200 x 45 1 (tidal) 230 x 45 24 locks 150 x 45	{ 270 feet x 45 feet.
Total rise or lockage 326 $\frac{3}{4}$ feet....	326 $\frac{3}{4}$ feet	326 $\frac{3}{4}$ feet.
Dept of water on sills.....	10 $\frac{1}{4}$ "	14

WELLAND RIVER BRANCHES.

Length of canal—	
Port Robinson cut to River Welland	2,622 feet.
From the canal at Welland to the river, via lock at Aqueduct	300 "
Chippewa cut to River Niagara	1,020 "
Number of locks—one at Aqueduct and one at Port Robinson	2
Dimensions of locks	150 by 26½ feet.
Total lockage from the canal at Welland down to River Welland	10 feet.
Depth of water on sills	9 feet 10 inches.

GRAND RIVER FEEDER.

Length of canal	21 miles,
Number of locks	2
Dimensions of locks	{ 1 of 150 by 26½ feet. 1 of 200 by 45 "
Total rise or lockage.	7 to 8 feet.
Depth of water on sills	9 feet.

PORT MAITLAND BRANCH.

Length of canal	1¾ miles.
Number of locks	1
Dimensions of locks	185 feet by 45 feet.
Total rise of lockage	7½ feet.
Depth of water on sills	11 "

The Welland canal has two entrances from Lake Ontario, at Port Dalhousie, one for the old, the other for the new canal.

From Port Dalhousie to Allanburg, 11¾ miles, there are two distinct lines of canal in operation, the old line and the enlarged or new line.

From Allanburg to Port Colborne, a distance of 15 miles, there is only one channel, the old canal having been enlarged.

From the head of the Welland canal there is a deep water navigation through Lake Erie, the Detroit river, Lake St. Clair, the St. Clair river, Lake Huron and River St. Mary to the Sault canal, a distance of about 580 miles. From the Sault the distance through Lake Superior to Port Arthur is 266 miles, and to Duluth 400 miles.

SAULT STE. MARIE CANAL.

Length of canal, between the extreme ends of the entrance piers	5,967 feet.
Number of locks	1
Dimensions of locks	900 ft. by 60 ft.
Depth of water on sills (at lowest known water level)	20 ft. 3 inches.
Total rise or lockage	18 feet.
Breath of canal at bottom	141 ft. 8 inches.
Breadth at surface of water	150 feet.

This canal has been constructed through St. Mary's island, on the north side of the rapids of the River St. Mary, and, with that river, gives communication on Canadian

territory between Lakes Huron and Superior. The masonry pier of the bridge carrying the Canadian Pacific Railway over the canal, which stood in the channel of the canal, forming an obstruction to navigation, has been removed; the swing now spanning the full width of the channel or prism of the canal.

MONTREAL, OTTAWA AND KINGSTON.

This route extends from the harbour of Montreal to the port of Kingston, passing through the Lachine canal, the navigation section of the lower River Ottawa, and the Ottawa canals, to the city of Ottawa; thence by the River Rideau and the Rideau canal to Kingston, on lake Ontario—a total distance of 245⁵/₈ miles.

After leaving the Lachine canal the works constructed to overcome difficulties of navigation are :

Ottawa River Canals.

The Ste. Anne's lock.
Carillon canal.

Grenville canal.
Rideau canal.

The total lockage (not including that of the Lachine canal) is 509 feet—(345 rise 164 fall)—and the number of locks is 55.

The following table exhibits the intermediate distances from Montreal harbour :—

Sections of Navigation.	Interme- diate Distance.	Total Distance, from Montreal.
	Miles.	Miles.
The Lachine canal.....	8 ¹ / ₂	
From Lachine to Ste. Anne's lock	15	23
Ste. Anne's lock and piers.....	¹ / ₈	23
Ste. Anne's lock to Carillon canal.....	27	50
The Carillon canal.....	³ / ₄	51
The Carillon to Grenville canal	6 ¹ / ₄	57
The Grenville canal.....	5 ³ / ₄	63
From the Grenville canal to entrance of Rideau navigation.....	56	119
Rideau navigation ending at Kingston.....	126 ¹ / ₄	245

STE. ANNE'S LOCK.

	Old Lock.	New Lock.
Length of canal.....	¹ / ₈ mile.	¹ / ₈ mile.
Number of locks.....	1	1
Dimensions of locks.....	190 x 45 feet	200 x 45 feet.
Total rise or lockage.....	3 feet.	3 feet.
Depth of water on sills.....	6 "	9 "

This work, with guide piers above and below, surmounts the Ste. Anne's rapids between Ile Perrot and the head of the Island of Montreal, at the outlet of that portion of the River Ottawa which forms the Lake of Two Mountains, 23¹/₂ miles from Montreal harbour.

THE CARILLON CANAL.

Length of canal.....	$\frac{3}{4}$ mile.
Number of locks.....	2
Dimensions of locks.....	200 x 45 feet.
Total rise or lockage.....	16 feet.
Depth of water on sills.....	9 "
Breadth of canal at bottom.....	100 "
Breadth of canal at water surface.....	110 "

This canal overcomes the Carillon rapids.

From Ste. Anne's lock to the foot of the Carillon canal there is navigable stretch of 27 miles, through the Lake of Two Mountains and the River Ottawa.

By the construction of the Carillon dam across the River Ottawa the water at that point is raised 9 feet, enabling the river above to be used for navigation.

GRENVILLE CANAL.

Length of canal.....	$5\frac{3}{4}$ miles.
Number of locks.....	5
Dimensions of locks.....	200 x 45 feet.
Total rise or lockage.....	$43\frac{3}{4}$ feet.
Depth of water on sills.....	9 "
Breadth of canal at bottom.....	40 to 50 feet.
Breadth of canal at surface of water.....	50 to 80 feet.

This canal, by which the Long Sault rapids are avoided, is about 56 miles below the city of Ottawa, up to which point the River Ottawa affords unimpeded navigation.

RIDEAU NAVIGATION.

The Rideau system connects the River Ottawa, at the city of Ottawa, with the eastern end of Lake Ontario, at Kingston.

Length of navigation waters.....	$126\frac{1}{4}$ miles.
Number of locks going from Ottawa to Kingston...	$\left\{ \begin{array}{l} 35 \text{ ascending.} \\ 14 \text{ descending.} \end{array} \right.$
Total lockage.....	$446\frac{1}{2}$ feet $\left\{ \begin{array}{l} 282\frac{1}{4} \text{ rise and} \\ 164 \text{ fall} \end{array} \right.$ at high water.
Dimensions of locks.....	134 x 33 feet.
Depth of water on sills.....	5 feet.
Navigation depth through the several reaches.....	$4\frac{1}{2}$ feet.
Breadth of canal reaches at bottom.	$\left\{ \begin{array}{l} 60 \text{ feet in earth.} \\ 54 \text{ feet in rock.} \end{array} \right.$
Breadth of canal at surface of water.....	80 feet in earth.

PERTH BRANCH.

Length of canal.....	6 miles.
Number of locks.....	2
Dimensions of locks.....	134 feet x 32 feet.
Total rise or lockage.....	26 "
Depth of water on sills.....	5 " 6 inches.
Length of dam.....	200 "
Breadth of canal at bottom.....	40 "
Breadth of canal at surface of water.....	$\left\{ \begin{array}{l} 40 \text{ " in rock.} \\ 60 \text{ " in clay.} \end{array} \right.$